

Wisconsin Society of Architects
September/October 1990

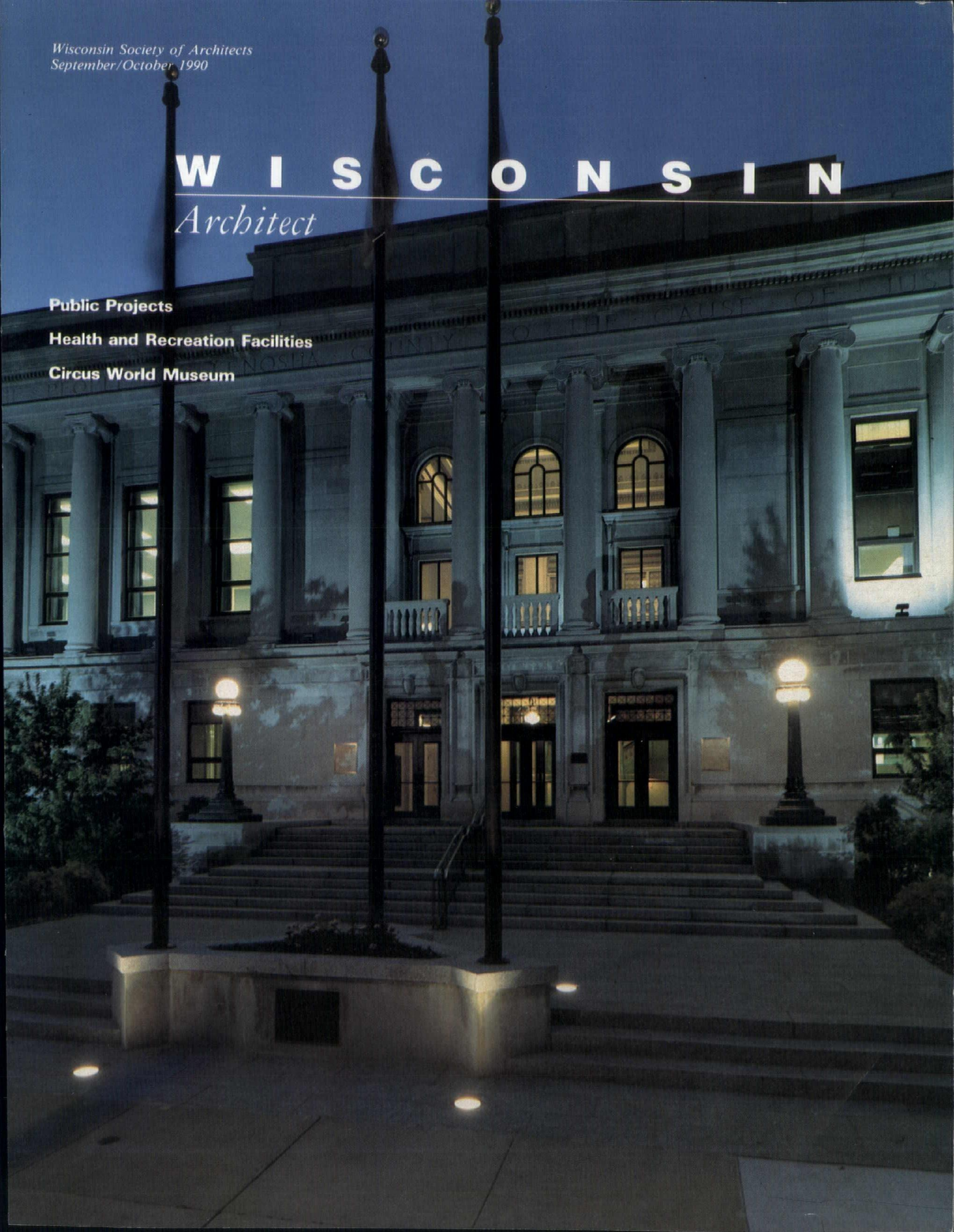
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Architect

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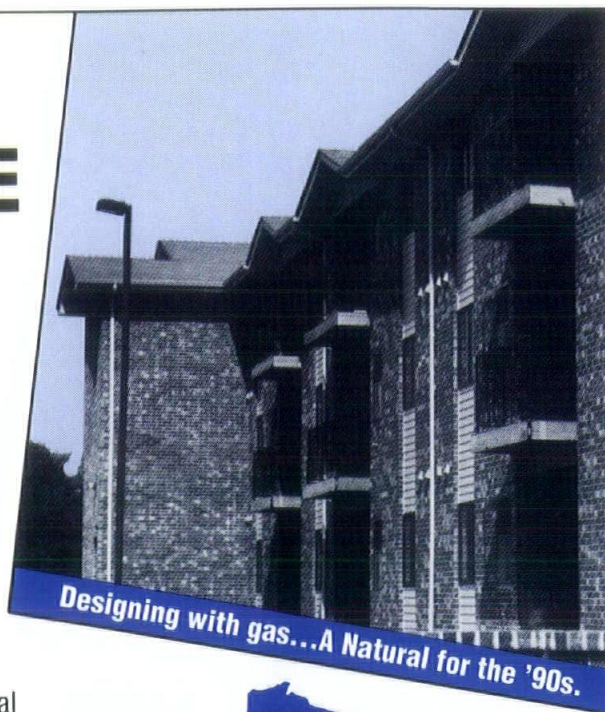
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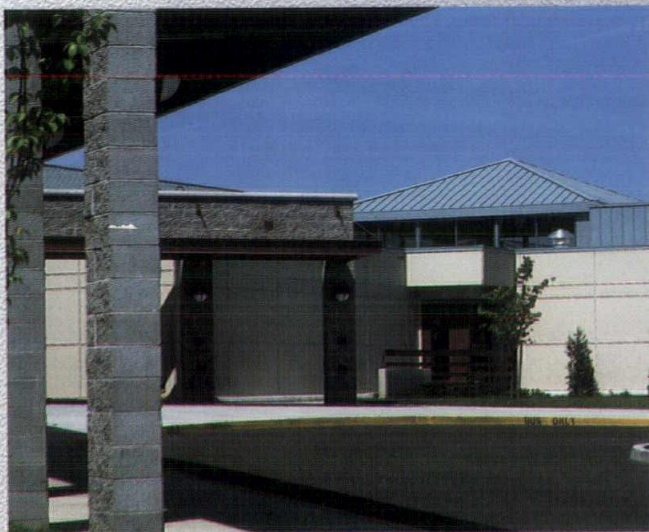
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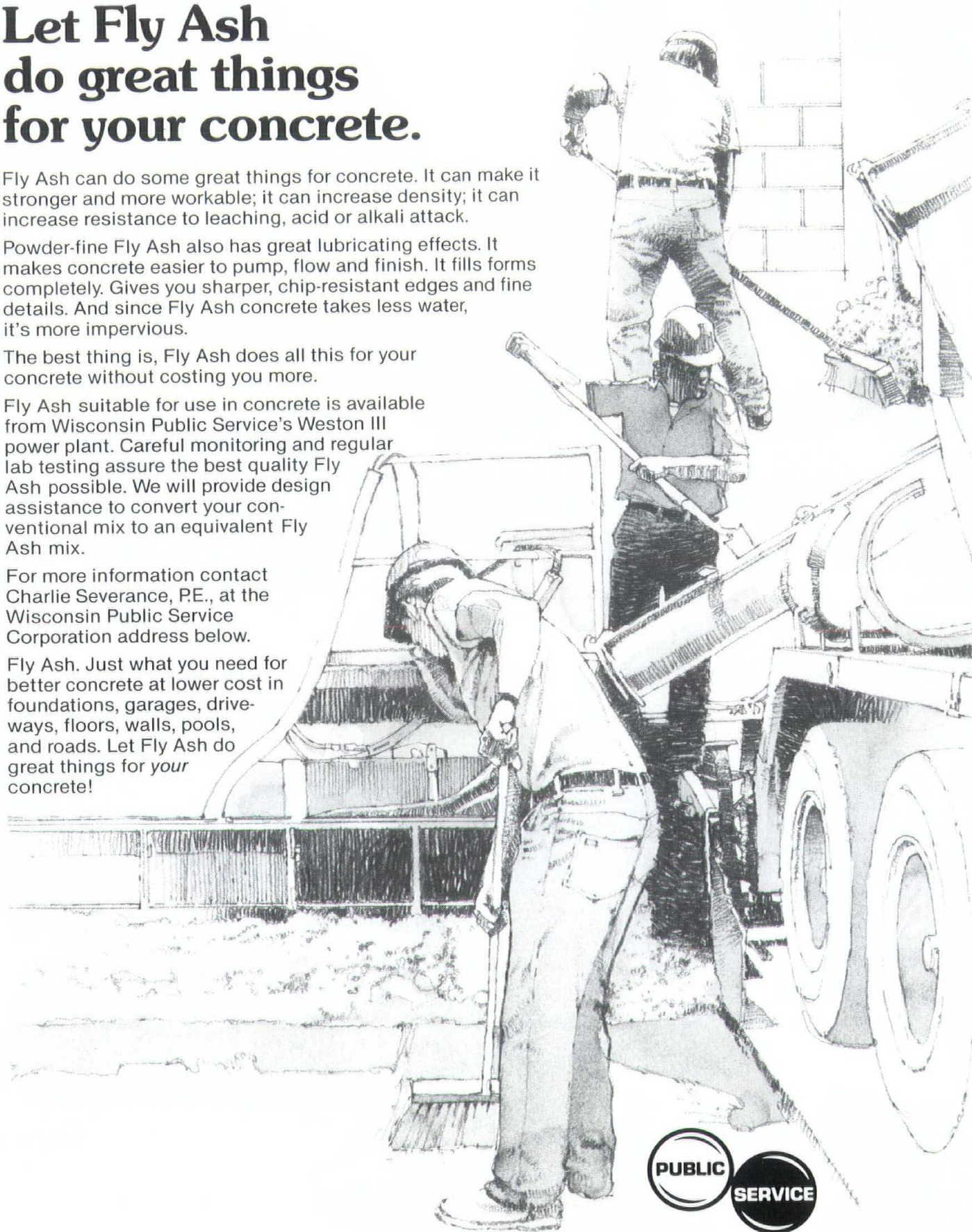
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Wisconsin Society of Architects for public owners in Wisconsin and
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surrounding states. It also showcases recent work of WSA members on
public owners...

health and recreational facilities, including the Circus World Museum.

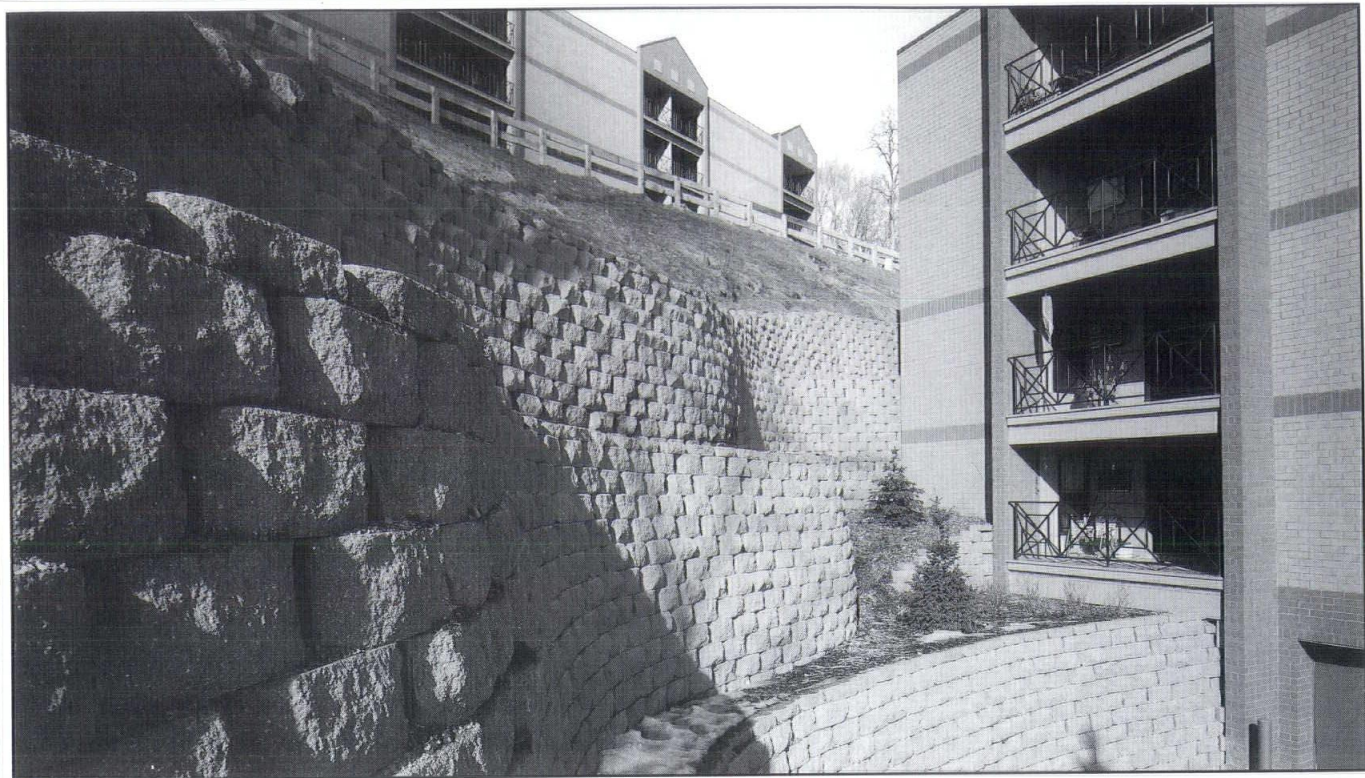
Several months ago, WSA members were asked to submit their public projects for publication in this issue which is being distributed to school district, municipal and county officials throughout Wisconsin. As Editor, I was pleasantly surprised by the number and the scope of the public projects submitted.

The public building projects that follow demonstrate the type of professional services provided by Wisconsin architects. These services include feasibility studies, programming, site analysis, design services, construction documents and construction administration.

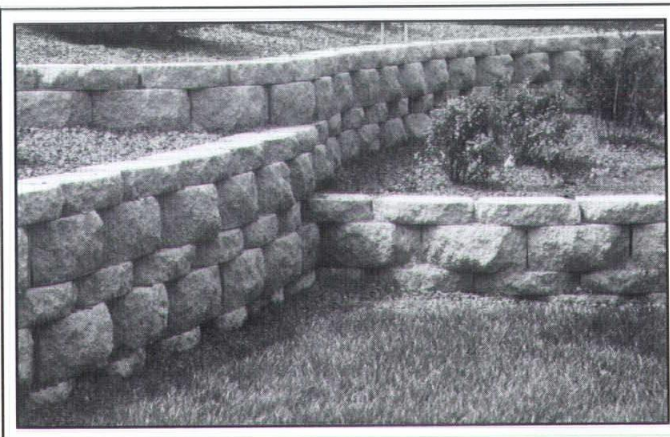
This issue also serves to introduce public owners to the WSA's model Qualification Based Selection or "QBS" program. Over the past five years, the WSA has assisted over 2,000 public owners establish a process for selecting architects based on qualifications. This QBS service is provided at no charge to the public owner and has been endorsed by the Wisconsin Department of Public Instruction and the League of Wisconsin Municipalities.

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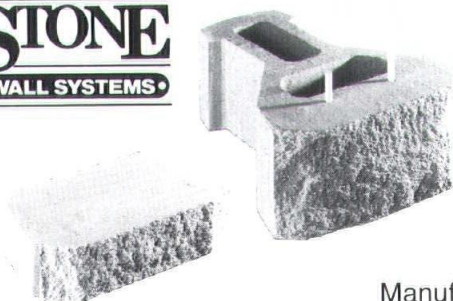
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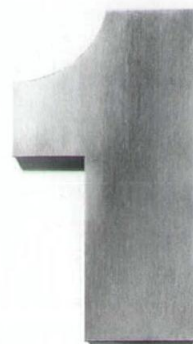
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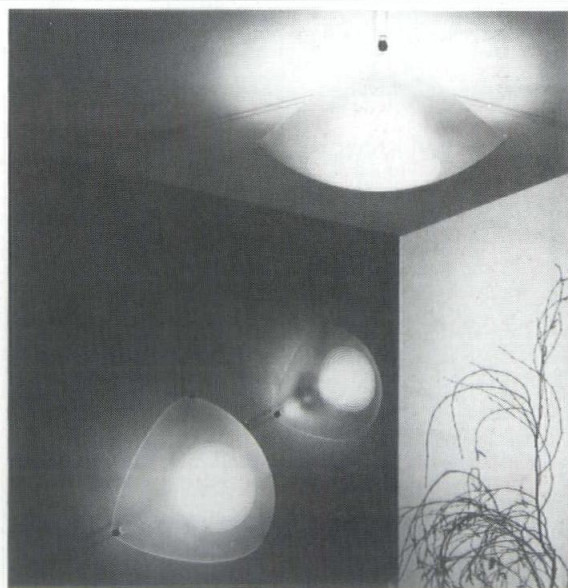
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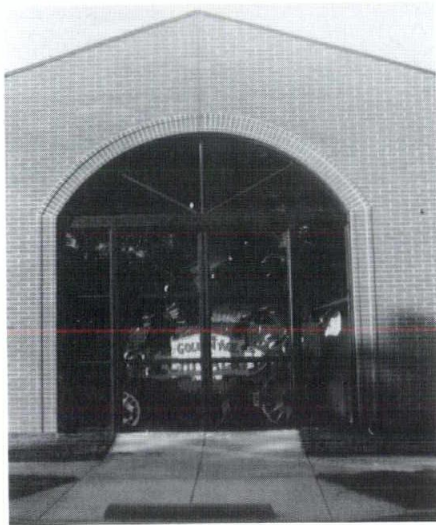
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Circus World Museum's New Facade



The large arched window is a giant "patio door" for wagon and exhibit access.

Visitors can now come year-round to the Circus World Museum at Baraboo, Wisconsin. The new Irvin Feld Exhibit Hall and Visitor Center, opened in May of 1989, offers an air-conditioned information center and lobby, exhibits, a theater and a scenic river walk along the Baraboo River. It provides an entire new look from the street, which is also State Highway 113.

This latest addition to the fifty-acre Circus World Museum grounds marks the culmination of two years of unique design challenges that shaped and molded this project into its final form. One challenge came with the number of people involved. Initial client input and review came from the director and staff of the Circus World Museum. From there, proposals had to be reviewed and approved by the Board of Directors of the museum. After clearing the Board, the plans were submitted to the State Historical Society. Then began the process with the Division of State Facilities Management.

A second challenge was the restrictive small triangular site. Its south border is the Baraboo River, north border Highway 113 and west border the historic Camel Barn. Borings indicated that it was a dump site in a previous life. Timber piles were required by soil conditions. These had to be driven in adjacent to the almost 90-year-old Camel Barn whose masonry structure had to be protected throughout all construction. An adjacent parking area was used as a construction staging and materials storage area. It was necessary to obtain a setback variance from the city of Baraboo in order to fit programmed requirements in the restricted space.

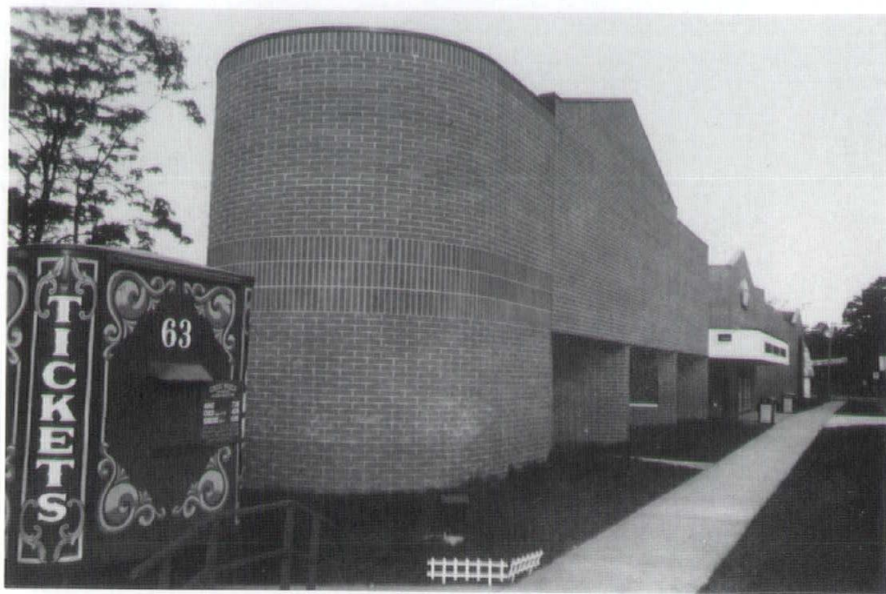
By necessity, the building conforms to the shape of the site. Variation in wall planes and the use of multiple gables and parapet walls tends to give the impression of a series of connected smaller buildings rather than one long massive complex. The narrow end of the building provides administration offices on two levels. The opposite end of the building

provides 10,000 square feet of exhibit space with a minimum height of 18 feet. The huge arched window facing the street is for large displays; it operates as a giant patio door, allowing circus wagons to enter or exit. Careful placement and shading of window and door areas in the exhibit hall shield artifacts from direct sun and allow for controlled exhibit lighting. The river walk south of the building serves as a promenade and provides a means of handicapped access from exhibit hall to the historic Big Top and other attractions across the river.

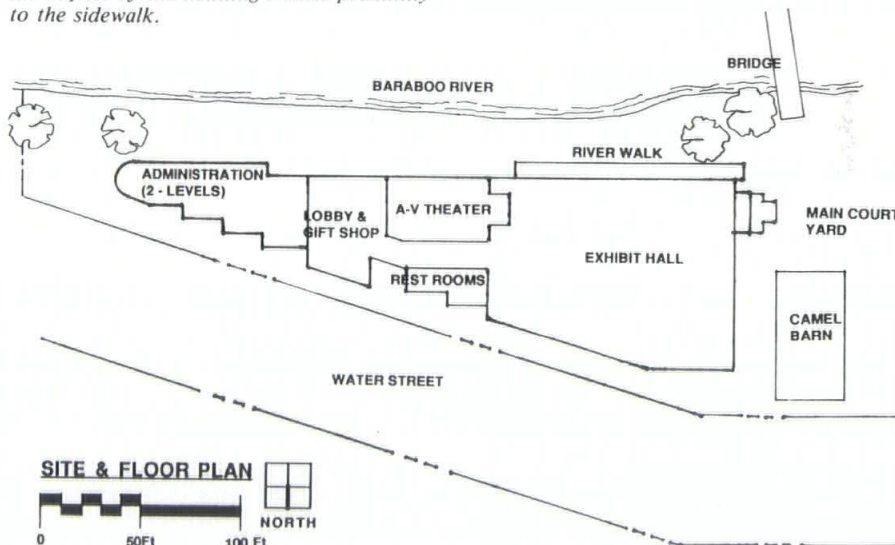
No tax dollars were used to build this \$1,200,000 facility; all money was raised by donations. Architect was Mid-State Associates, Inc. of Baraboo; the firm has been a consultant to the Circus World Museum for many years. General Contractor was The Wergin Company, Inc. of Wausau. Project bids, including all add alternates, came in approximately \$475 under budget.

Photography: Darton E. Drake

EDITOR: Thomas Williams served as Project Architect/Manager for this project while at Mid-State Associates, Inc.



Round end and varied wall planes soften the impact of the building's close proximity to the sidewalk.





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The Perils and Problems of Pools and Spas

A swimming pool or spa can be a wonderful facility for health and recreation or a nightmare from the standpoint of maintenance and sanitation. The secret of a healthful pool lies in the planning and purchasing stages.

Owning or having access to a pool is so in vogue that some owners and real estate developers do not look ahead to what the project will involve in the five, ten or more years after installation. It is much like the kitten-grows-up-to-become-a-cat syndrome.

In the design of pools and whirlpool spas everything breaks down sooner or later. All parts are vulnerable. Regular maintenance must be considered before construction begins. In my professional experience, I see all types of installations—private, semi-private and public. I see top quality equipment as well as equipment which should not have been manufactured in the first place. Unfortunately, the rash of pools going into construction with minimal budgets is resulting in lower quality installations which may indeed affect health standards in the near future.

Here are some of the pitfalls as I see them at the beginning of the 1990s.

Basically, the Wisconsin code for pool design is good. However, a recent relaxation of the code involving the approval of erosion type chlorine/bromine feeders will net the operators more expense than did previous use of liquid chlorine. Undue influence from equipment and chemical manufacturers can result in unreliable free chlorine levels. Positive displacement type pumps, as used in the past, generally performed in a more reliable manner from a sanitation point of view. The latest trend is automatic pH and sanitizer control systems, which are probably worth their extra cost in providing quality water. This type of system keeps to a minimum the down time that pools are closed.

Public pools, usually involving an architectural designer, are relatively free of problems due to close state inspection. However, all design emphasis seems to be on the shell, decking and related cosmetic items. Low on the totem pole is the equipment room and chemical storage area which are often together.

Importance of the equipment room cannot be overestimated. Accessibility is often difficult even in the best of equipped rooms. This is time consuming for the repairman. Construction happens once; maintenance and repair go on for the life of the pool. Access to all equipment—valves, controller, pumps, etc. is absolutely necessary to assure proper operation.

Inspectors are often never aware of the numerous main drains that are closed down. Many heaters become inoperable because of inadequate ventilation due to poor design or poor supervision during construction. The result is premature failure of all equipment.

Pools in apartment complexes and condominiums are considered semi-private and inspection results are often lax and irregular, particularly when equipment changes have been made. Here again, the equipment room is the most neglected aspect of pool construction. Most resemble uncapped landfills, when really they are the heart of quality water. I have seen quarter of a million dollar facilities closed down because of poor design in the equipment room. What good is 60,000 gallons of milky, cold water in the most luxurious of settings?

Another problem of semi-private pools is the quick turnover of maintenance personnel and the lack of one person to be in charge. Therefore, the people responsible often barely understand the principles of pool operation. Also, when repairs are made, the installed parts are often inferior parts purchased because they cost less. For the sake of the owner, inspections should be made after any repair work is completed.

A pool in itself is merely a vessel containing a water body for bathers. Water must be filtered and disinfected reliably to insure good health. The higher the temperature of the water, the greater the danger of bacteria growth. Skin rashes are common occurrences. The state requires six-hour turnover in public pools, and eight- to twelve-hour turnover should be designed in residential pools. Some pools are used too heavily for their size. Spas probably should be required to have regular and frequent drain outs to prevent poor water chemistry which now is far too prevalent.

In residential installation "anything goes." The state code is not strong enough to include those installations. Right now, the only rigid regulation is the electric code applied to grounding of the pool. Any substandard shell, equipment and plumbing can be delivered to the private homeowner. One example, concerning outdoor pools, is the increase on the market of plaster finish pools. They are fine for southern and west coast climates where the pools are not closed down for eight months of the year. In northern climates they stain badly and the cleaning process required etches away the plaster. Indoors they are fine.

The chemicals in pools being airborne by the high and constant humidity is cause for corrosion to interior finishing materials. Adequate ventilation is important and can greatly increase the life of the equipment and safety of the operators.

Healthful water is the key to healthful swimming and relaxing in pools and spas. It requires careful planning and a watchful eye.

EDITOR: Rick Winters is owner of Complete Pool Services of Madison, specializing for eleven years in pool and spa service and renovations.

An Evolutionary Habitat for the Moon

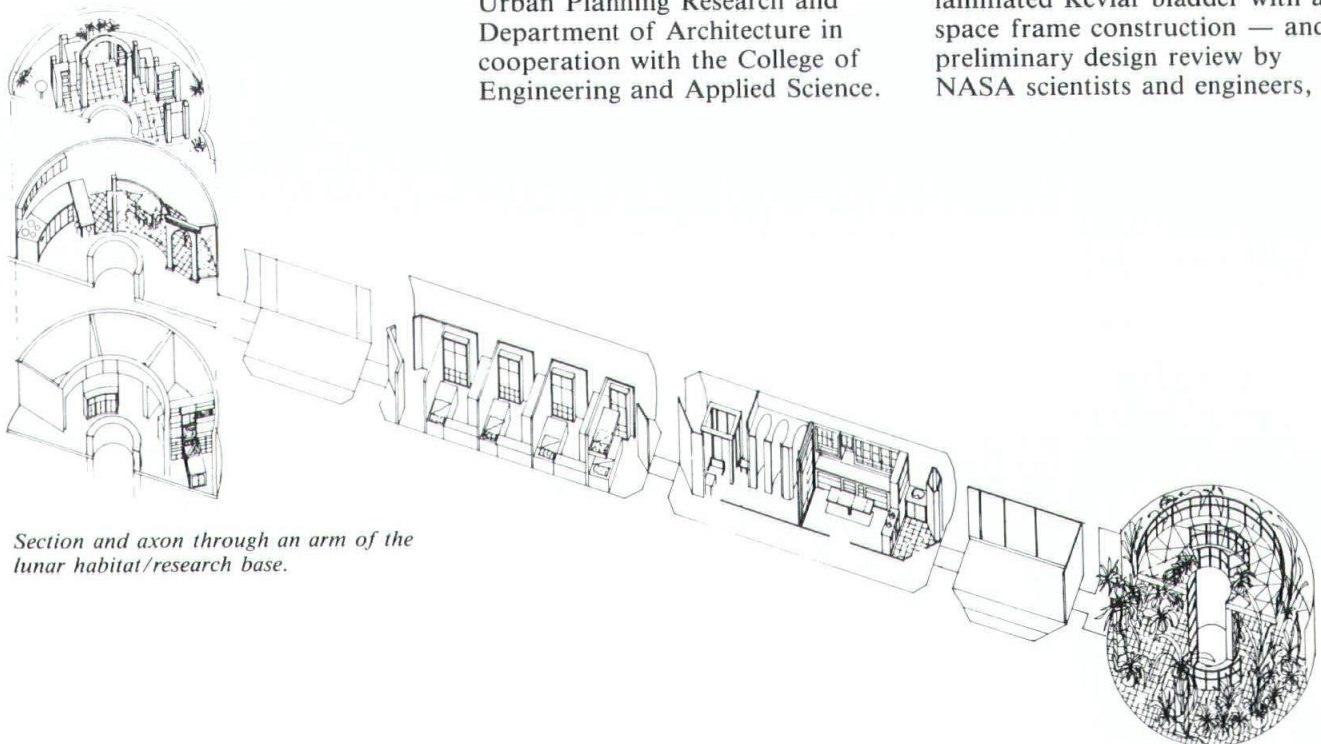
On the 20th anniversary of the first human step on the moon, President Bush announced the goal of landing people on the moon by 2005, and this time to stay.

For the past three years, faculty and students in the UWM Department of Architecture have been focusing on habitats for extra-terrestrial environments (see *Wisconsin Architect*, July 1988). Initiated by contacts with Astronautics Corporation of America, a major aerospace contractor with world headquarters in Milwaukee, the work has expanded thanks to a three-year grant from NASA's Universities Space Research Association (NASA/USRA).

Research, design and development of a lunar habitat for NASA was initiated in 1989 by the UWM Space Architecture Design Group in the Center for Architecture and Urban Planning Research and Department of Architecture in cooperation with the College of Engineering and Applied Science.

The program called for a lunar habitat for the year 2005 for a full-time multinational, multicultural crew of 8 to 12 men and women astronauts, scientists, engineers and perhaps architects on rotations of 6 to 9 months with a maximum duration of 20 months. The habitat provides for crew quarters, research work space and all necessities and amenities like a health maintenance facility, exercise facility, hygiene facilities, private and group recreation space, dining area double functioning for teleconferencing and meetings, command center, storage for logistics, and some special places for psychological retreat.

Following the development of three design alternatives — exploring the possibilities of prefabricated pressure vessels, underground architecture using the natural lunar craters and lava tubes, and inflatables using a laminated Kevlar bladder with a space frame construction — and a preliminary design review by NASA scientists and engineers, the



Section and axon through an arm of the lunar habitat/research base.

design team developed an integrated solution using the best of the three architectures.

Called **Genesis**, the lunar outpost shown in the accompanying illustrations consists of four major areas: the centrally located habitat/research area, a permanent nuclear power facility located to the north (left in the site plan), a mining and production facility for the development of lunar oxygen and a helium derivative, and the launch and landing facility to the south.

The habitat/research area consists of one large and four Space Station *Freedom*-sized aluminum pressure vessels (the sides of the triangles) and three Kevlar-laminate inflatable domes (at the vertices) connected by six interconnecting modes, with three extra-vehicular activity modules (for suiting up for outside activity and dusting off when returning to the habitat) and one logistics/re-supply module. Included in the interior architecture are provisions

for two different types of crew quarters (in the upper-right dome and right-side module, allowing ongoing research and design modifications on habitability issues), an extensive variety of workstations (the large pressure vessel in the center-top and the dome and regular-sized vessels to the left), specialized exercise and health maintenance facilities (the lower right module), and a multi-functioning inflatable biosphere (the lower dome) which serves also as a place for psychological retreat.

To protect the inhabitants from radiation and micrometeoroids in the atmosphere-less lunar environment, the entire habitat must be covered with a minimum of 0.5 m of lunar soil, or *regolith*.

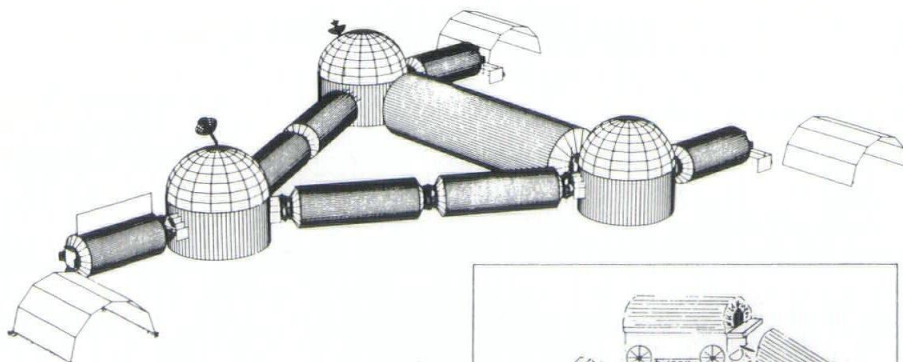
The habitat would be constructed in four phases, and would require 43 shuttle flights transferring to the planned lunar transport system and orbital transfer vehicle at Space Station *Freedom*. The entire mission would take 11 years to

complete, being inhabited from the beginning in 2005 and reaching full operating conditions in 2016.

EDITOR: Gary T. Moore is a research architect and environmental psychologist who has worked on space applications since 1987. He is Professor of Architecture and former director of the UWM Center for Architecture and Urban Planning Research and now heads up the NASA/Universities Space Research Association Advanced Design Program at UWM.

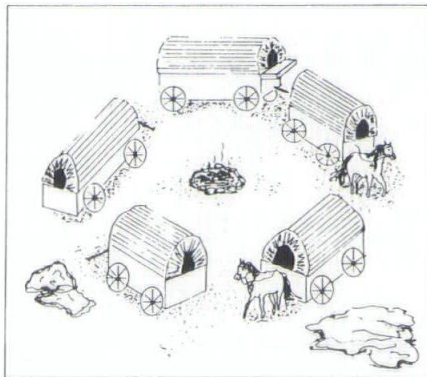
This paper is based on work done by the UWM Space Architecture Design Group. Student members were Dino Baschiera, Joe Fieber, Patrick Groff, Michele Gruenberger, Tim Hansmann, Susan Moss, Janis Huebner Moths, Keery Paruleski, Cott Schleicher, and Curt Schroeder. The work was supported by the first of a three-year grant from NASA's Universities Space Research Association. The author thanks Tom Crabb of Orbital Technologies Corporation for expert advice, and Bruce Lynch, AIA, George Meyer, AIA, Donald Moses, AIA, Douglas Rhyn and Tony Schnarsky, AIA for excellent design critiques.

A three-volume report series and several papers on Space Architecture directed to architects wishing to get involved in the space industry are available at cost from the UWM Center for Architecture and Urban Planning Research, P.O. Box 413, Milwaukee, WI 53201.



Perspective showing the base without regolith covering.

The circular design helps inhabitants psychologically.



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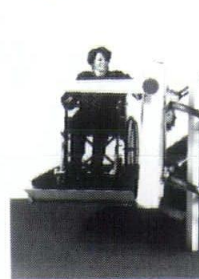


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Accessibility at the Touch of a Button

The ability to move about freely at home or at work is something many people overlook. But, should the time come to build a new home, an office or simply update existing space, that freedom would become an important consideration.

With the acceptance of the Americans with Disabilities Act (ADA), accessibility has become a growing concern for home and public building owners. For some individuals, especially those who have difficulty climbing stairs, accessibility directly influences their quality of life. ADA prohibits discrimination against disabled individuals in employment, public services, public accommodations, transportation and telecommunications.

A variety of accessibility options have become available that can potentially increase the value and beauty of a home or public building. One such alternative is the installation of an elevator.

Elevators are space and cost efficient and can be designed to complement any style. No longer just a bulky metal box, they offer numerous features to enhance the aesthetics of a building. Elevators can be designed to fit in a space no larger than a normal closet and are complemented by wood paneling in a variety of finishes and brass accents. Home and business owners can choose from a variety of features to fit the decor of their building.

An elevator shaft can be installed in a home while it is being built, before the elevator is actually needed. Installing the shaft early saves time and money in the long-run; and, when the elevator becomes a necessity, it can be added to the home in a short time at little cost.

Today, almost 25% of the population is in the 50-plus category. By the year 2000, a 10% increase is predicted. This growing segment of older adults is often burdened by the inability to move easily from one floor to another. The in-home elevator provides convenience to those individuals, many who have been trapped on the first floor of their homes for years. An elevator can free them from accessibility constraints in an aesthetically pleasing manner.

Homeowners are also finding that the in-home elevator can offer luxury as well as convenience. It provides elegant, affordable features to those who find their home requirements growing.

According to the National Association of Home Builders (NAHB), upper bracket homes, those that sell for \$200,000 or more with at least 2,000 square feet, are a growing segment of the new home market. Luxury items such as skylights and whirlpools as well as elevators are often included in upper bracket home building plans. The popularity of elevators could easily grow as the trend toward building these more lavish homes increases.

Considering an elevator for a home or business setting provides an affordable and aesthetically pleasing option to those who find accessibility an important factor in their building plans. Luxury item or necessity, an elevator can provide elegance and convenience...at the touch of a button.

EDITOR: Darlene Lewis, president of The Cheney Company, has helped meet accessibility needs with elevator and stairway lift equipment for over 20 years.

Project

United States Army Reserve Training Center

Location

Milwaukee, Wisconsin

Architect

Juerisson Associates Inc.

General Contractor

C. G. Schmidt Inc.

Designed as an 800-person reserve center, this is the largest such facility in the Midwest.

The user client, the U. S. Army Reserve 84th Division Railsplitters, desired a building which would be inviting as well as a pleasing place for workers and trainees. Client requested a prominent main entry and a secondary field entry, intended to facilitate easy recognition of building and good traffic patterns. The facility is used daily by full-time Army, Reserve, and civilian personnel. It is also a focal point for public visitors and dignitaries as well as persons considering enlistment in the U. S. Army Reserve.

Red was the color selected for exterior doors, glazing framing, trim and the double staircase. It ties in with the red logo of the Railsplitters and the symbolic association is recognized by the users. The light grey brick exterior is enlivened with belt courses of a lighter cream colored brick at two-foot intervals.

Photography: Jaak Jurisson, AIA



Project

Prairie View Elementary School

Location

Mukwonago, Wisconsin

Architect

Fischer-Fischer-Theis, Inc.

General Contractor

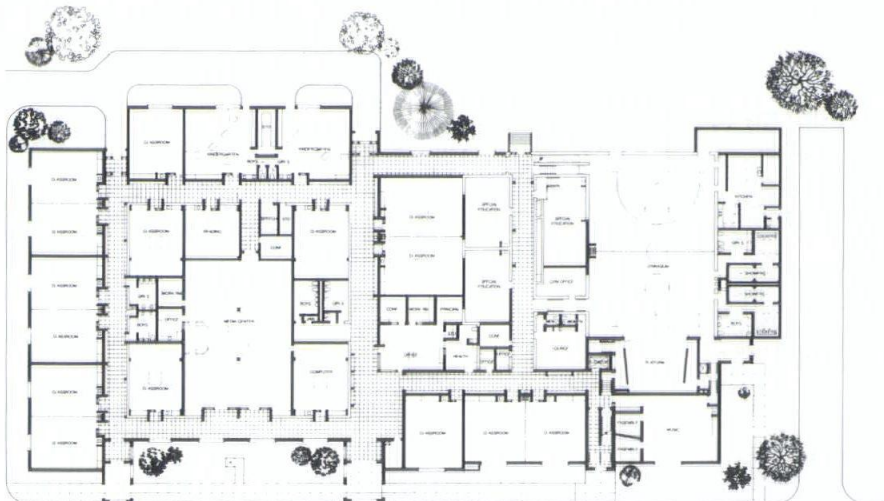
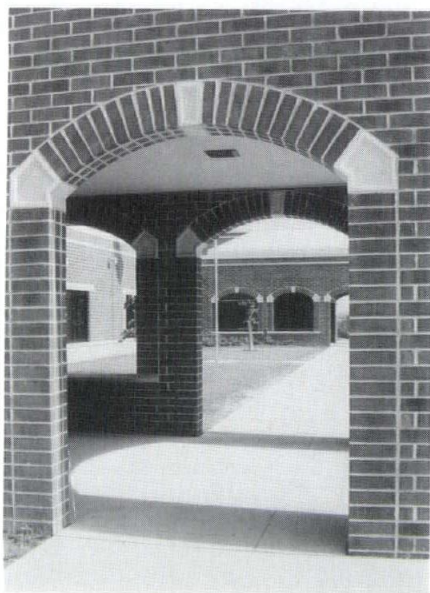
Marriott Construction Corporation

The original structure was built in the early 1920s with additions in 1953, 1958 and 1967, and had become a local landmark in this once rural community. New housing developments and increase in enrollment prompted the school district to expand and modernize.

The additions and renovations were designed to integrate the building as a whole by reducing the seven original floor levels to three while providing handicapped accessibility throughout the building. The building was totally gutted and renovated and included the addition of fourteen new classrooms, two new kindergarten rooms, new locker rooms, kitchen and auxiliary spaces for total square footage of 65,913.

The exterior of the building was designed using brick arches, stone banding and detailing that is reminiscent of the original 1920s structure that unifies the new with the old. The finished project conveyed quality of design and scale and reflects the traditional architecture of the surrounding community.

Photography: Don Olsen, AIA



Project

West Allis Central Library

Location

West Allis, Wisconsin

Architect

The Durrant Group, Inc.

General Contractor

The Lee Corporation

The West Allis Central Library is a 42,000 square foot facility whose purpose is to serve the informational and educational needs of the entire community. The new facility replaces three smaller libraries, consolidating services at its central location. Exterior building materials of brick and stone blend well with the surrounding residential/commercial neighborhood.

The two-level building includes spaces for adult services, meeting rooms, children's services, an audiovisual department, reference and staff work areas. A 230-foot-long skylight creates an open courtyard connecting north and south entrances, enclosing a two-story atrium with a water fountain as the focus. Adjacent community rooms are separate from other library operations.

Children's services occupies a glass-enclosed mezzanine overlooking the adult reading room on one side and the atrium on the other. Designed for children from preschool through sixth grade, the room is accessible either by elevator or from a large circular staircase with skylight.

Photography: Eric Oxendorf



Project

Kenosha County Courthouse Restoration

Location

Kenosha, Wisconsin

Architect

Plunkett Keymar Reginato Architects

General Contractor

Korndorfer Corporation

Located in the heart of Kenosha's Civic Center, the Historic Kenosha County Courthouse remains an excellent example of classic architecture. Dedicated to the people of Kenosha in 1925, the building had been ravaged by the effects of nature and a number of insensitive remodelings which detracted from its original splendor.

Serious deterioration of the building's exterior limestone skin, glazing systems and walkways prompted county officials to explore corrective measures.

This exterior restoration project included removal and resetting of many of the limestone panels, cornices, and coping. New glazing was installed at the main entry to match the design and profile of the original system. The front entry stair and plaza were restored and extended to the street with granite to match the original design. The exterior lighting design included the restoration of the original entry standards along with the addition of security lighting which not only provides for a safe public environment but also enhances the architectural detailing.

Interior restorations in the courthouse include a Public Meeting Room, District Attorney's Office, Clerk of Courts, Personnel Department, Treasurer's Office, an elevator replacement and lower level corridor upgrade.

Photography: Steve Poast, CPP



Project

Wilbur Aalfs Library

Location

Sioux City, Iowa

Architect

Engberg Anderson

General Contractor

L&L Builders Company

This 48,000 square foot public library includes the renovation of an existing 45,000 square foot bank building. The original fortress-like massing of the two-story bank with few openings presented a challenge to the architects. Converting this building type into a library involved the creation of a new image that was inviting to the public, accessible and lively, while meeting new functional requirements of a library. As central focus for the building, an atrium also provides public access to the meeting room and restroom facilities at off-library hours.

Brightly colored interior finishes and patterns are used to balance the somewhat imposing proportions of the existing granite exterior. In the children's area, the scale was lowered and playful cut-out images are incorporated into the carpet pattern. Low walls and glass transoms are used frequently throughout the building to borrow natural light from the atrium and skylights. Existing bank teller windows were reworked as the book check-out areas and circulation desks.

To accommodate functional concerns of circulation, security and operations, the building was segregated into public and administrative areas. Administrative areas are located in the lower level for privacy and security. Public areas located on the upper two floors are made bright, lively and visually contiguous by a series of openings and incorporation with the atrium.

Photography: Howard Kaplan



Project

Ida Public Library

Location

Belvidere, Illinois

Architect

Rose Associates Architect

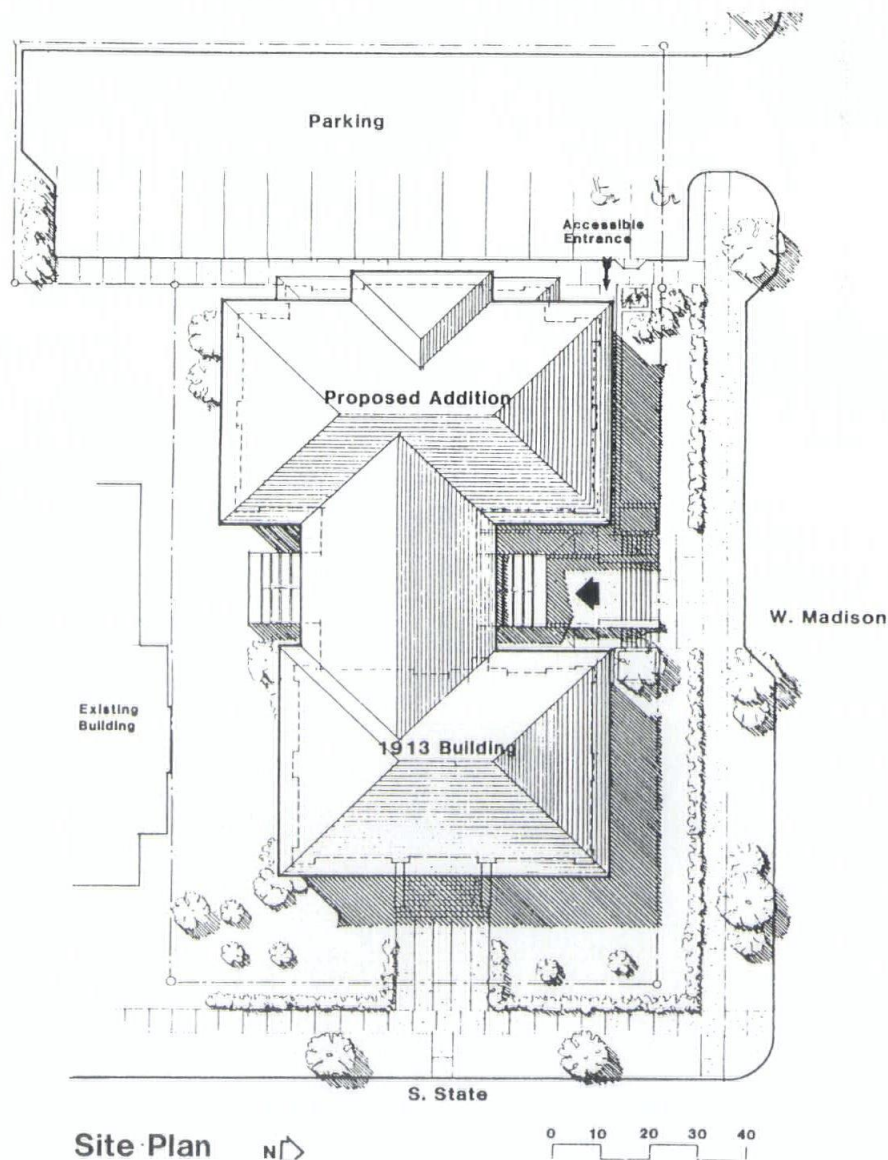
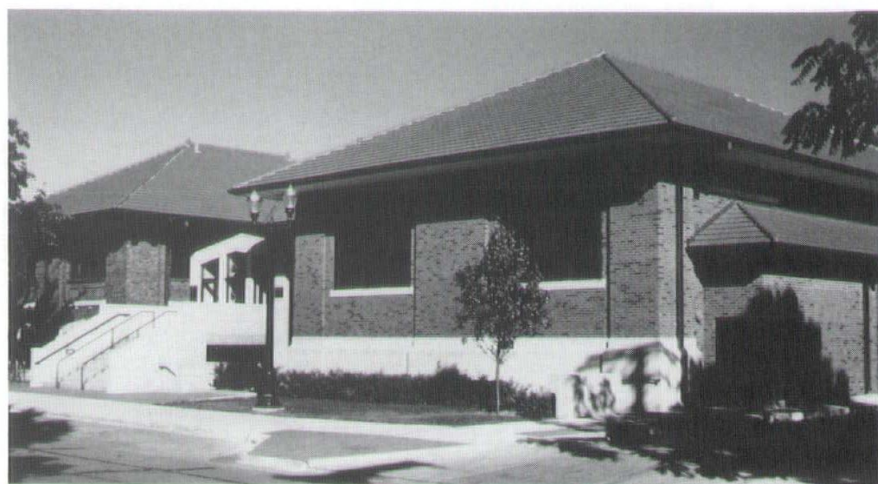
General Contractor

Ericson-Reitzel Construction

The architects have found that an addition to a Carnegie grant library is usually larger than the original building. A resultant design solution must not offend or minimize the integrity of the Carnegie building. In the attempt to design such an addition to be a compatible neighbor, this design incorporated a connecting link to separate the two main forms i.e., the original building and the addition.

The lower floor was approximately four feet below the sidewalk level, resulting in a relatively short ramp to provide barrier free access to this level. A major foyer off the meeting room complex, children's department, and audio-visual area relates to the elevator which also provides access to main floor adult department.

Photography: Rose/Orr Architects



Project

Village Commons

Location

North Riverside, Illinois

Architect

Donohue & Associates

General Contractor

Lombard Construction

North Riverside's \$2.68 million village commons is the centerpiece of its 21-acre municipal campus, yet it was tailored to the residential character of the largely one-story neighborhood.

The building's entrances welcome visitors entering from both the street and the parking lot. That feeling continues inside the 23,500 square foot facility. A peaked skylight connects the entrances; red brick covers the walls in the main corridor, creating an "interior street."

The building answers the needs for two functional groups: the administrative and recreation departments. The interior street and common lobby areas are a buffer between the departments, allowing interaction while providing distinct areas for each.

Common areas include a council room, a large multi-purpose room, and several small meeting rooms. The multi-purpose auditorium has seating and equipment for indoor sporting events, a raised stage, and a cafeteria-style kitchen.

Photography: Sadin Photo Group



<i>Project</i>	Pierce County Office Building
<i>Location</i>	Ellsworth, Wisconsin
<i>Architect</i>	Ayres Associates
<i>General Contractor</i>	Market & Johnson, Inc.

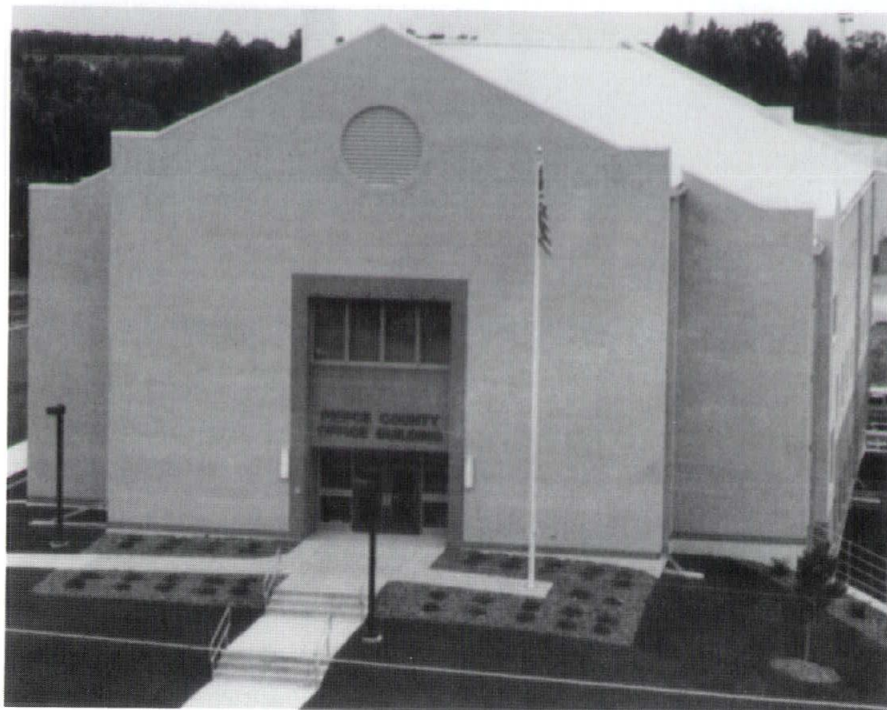
The dilemma faced by Pierce County was a familiar one for many municipalities.

The problem: the county's rapidly-expanding human services department had outgrown its present facilities in the county courthouse and was fragmented in separate buildings.

The solution: a new 30,000 square foot three-story building that would house nine human and agricultural services offices under one roof. The architect was selected to study the alternatives and design the \$2.2 million structure.

"The goal was to tie the departments together in the most cost-effective manner," said Kenneth Ziehr, Project Manager. "The building is separate from the courthouse, but right across the street. An added benefit was the 120 parking spaces that address a major need for both the new building and the existing courthouse. New construction was the best alternative to fit the needs and budget of Pierce County."

Photography: Franz Hall



<i>Project</i>	Greenfield City Hall
<i>Location</i>	Greenfield, Wisconsin
<i>Architect</i>	the Zimmerman Design Group
<i>General Contractor</i>	Schwabe Construction

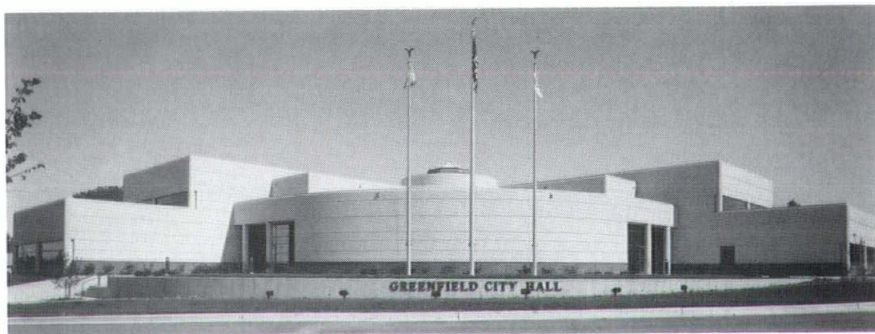
In 1987, the City of Greenfield commissioned the architect to program and design their new city hall. An established building committee comprised of elected officers and individuals from the community sought the development of a functional and accessible facility that projected a new image and civic identity for the citizens of Greenfield.

Located along a major arterial street between an existing library and post office, the site offered a location commensurate with other civic buildings and an opportunity to create the new identity re-

quested. The base of the building is brick to acknowledge contextually the library and post office. The remainder of the exterior wall is stucco and green glass with accents of green and brass throughout.

Radiating from the central rotunda, rectilinear wings of office space embrace a curvilinear council chambers, both separated by a skylit vaulted gallery which forms the main circulation through the building.

Photography: Mark Heffron



Project

Outagamie County Airport Terminal Expansion

Location

Appleton, Wisconsin

Architect

Marathon Engineers/Architects/Planners Inc.

General Contractor

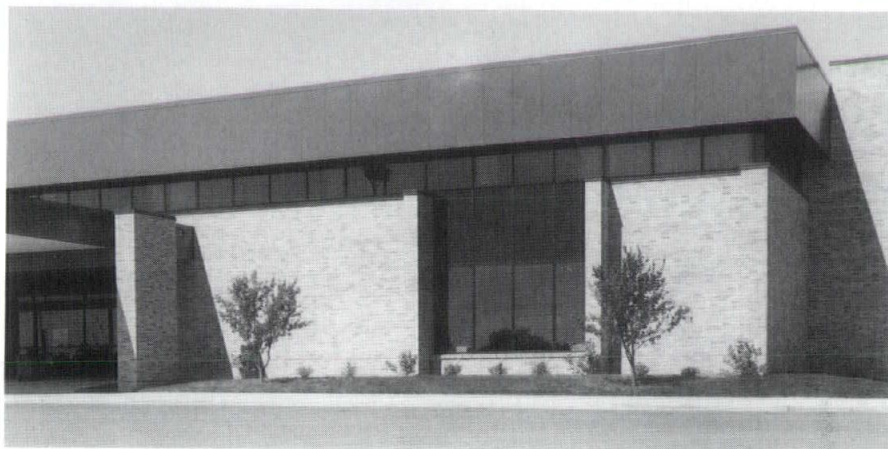
P. G. Miron Construction Co., Inc.

With the dramatic growth in the Fox Cities area and the substantial increase in passenger services necessitated by this growth, a second expansion to the existing two-story terminal building became a necessity.

The new 39,000 square foot addition provides additional space for ticket counters, waiting areas, airline operation offices, baggage make-up and lease spaces. It also provides expansion space on the second floor for the airport administration department and the Air Wisconsin Corporate offices.

The addition and exterior renovations reflect an updating of the original building design while extending the original ribbon windows and metal overhanging fascia panels to accent the linear plan and appearance of the building. The interior of the terminal continues to be dominated by a two-story atrium completed in the first expansion program which acts as the apex for all enplaning and deplaning passengers.

Photography: Bob Shirtz



<i>Project</i>	Waupaca County Courthouse
<i>Location</i>	Waupaca, Wisconsin
<i>Architect</i>	Sauter Seaborne Architects/Engineers, Ltd.
<i>General Contractor</i>	Miron Construction Company, Inc.

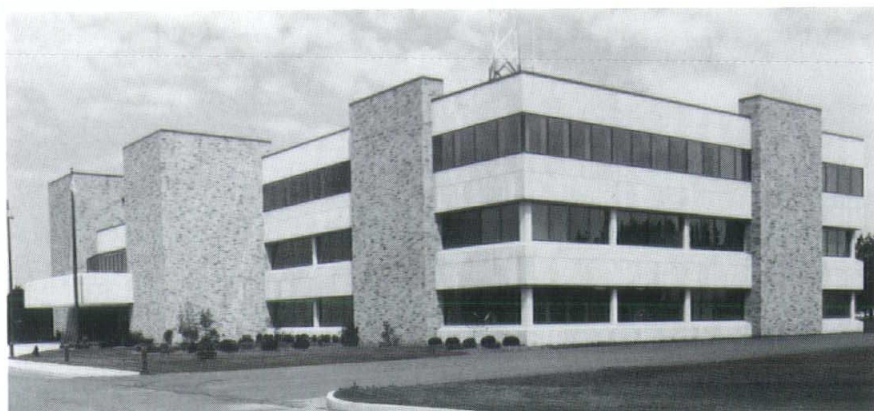
As a result of continued growth, Waupaca County grew out of its turn-of-the-century 21,000 square foot courthouse in downtown Waupaca, Wisconsin.

The new courthouse is the hub for all county departments and serves the public efficiently. The design provides an abundance of parking and easily accessible county departments.

The design of this facility conveys a sense of dignity and authority, yet enables the public to conduct business conveniently and in a pleasing atmosphere.

The steel-framed structure is clad with brick, limestone veneer panels, which were prefabricated and insulated at the factory, and glass assembled economically into a design that will stand the test of time.

Photography: Dale Sachs



<u>Project</u>	Police Facility
<u>Location</u>	Itasca, Illinois
<u>Architect</u>	Donohue & Associates
<u>General Contractor</u>	Wilfreds Construction

During the day, Itasca's population swells from 9,000 to more than 40,000. That drastic change, and the accompanying growth of the police force, posed the major design challenge.

The 7,800 square foot, coursed-sandstone building is accented by a stepped roof. Smooth clerestory windows contrast with sawn sandstone fascias. A restrictive site became an asset by incorporating passive solar features with earth berming and a low profile to reduce wind exposure.

Special attention was paid to working relationships, strict state guidelines of police facilities, and Itasca's master plan. The public area is easily identifiable and comfortable, yet conveys authority. The administrative area has access to the public area while providing privacy. A hub of activity, the detention area includes a sally port, a recovered-evidence room, interview rooms, a booking room, and the cell block. It can be isolated for emergencies.

Photography: Sadin Photo Group



Project

Location

Architect

General Contractor

Bus Transfer Center

Appleton, Wisconsin

Miller Wagner Coenen Inc.

Westra Construction Inc.

Prior to the completion of this facility, bus passengers had no central transfer location. Buses would stop for 5-minute intervals at various locations throughout downtown Appleton.

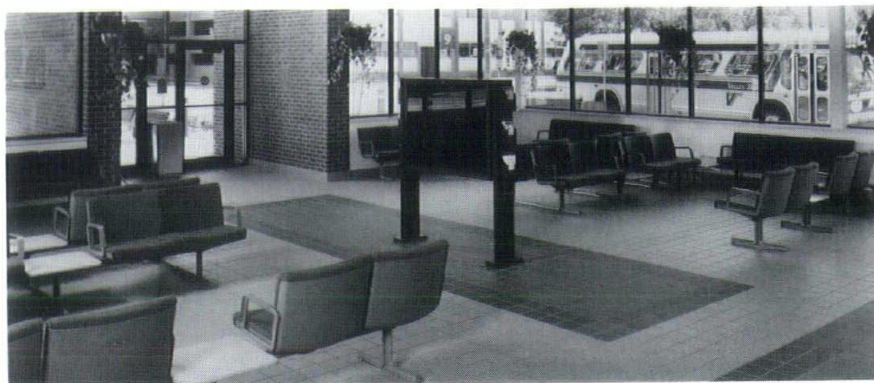
The 6,000 square foot building on a centrally-located downtown site houses restrooms, a drivers' break room, the transit supervisor's office, an information referral office and a convenience store. In addition, the facility offers comfortable seating and protection from adverse weather conditions while maintaining excellent visibility to the outside arrival and departure of buses.

The facility was designed to be accessible to disabled individuals and is easily comprehensible to the first-time user. The broad cantilevered eaves provide a protected outdoor waiting area and offer a friendly gesture to those approaching the facility.

Residents of the Fox Cities now have a temperature-controlled and safe environment to await their bus transportation. The city of Appleton gained a mini-park with pleasant seating areas and attractive landscaping.

Howard, Needles, Tammen and Bergendoff of Milwaukee assisted the architects in traffic planning on this project.

Photography: Apple Studio Ltd.



Project

Outagamie County Highway Garage Facility

Location

Little Chute, Wisconsin

Architect

Marathon Engineers/Architects/Planners Inc.

General Contractor

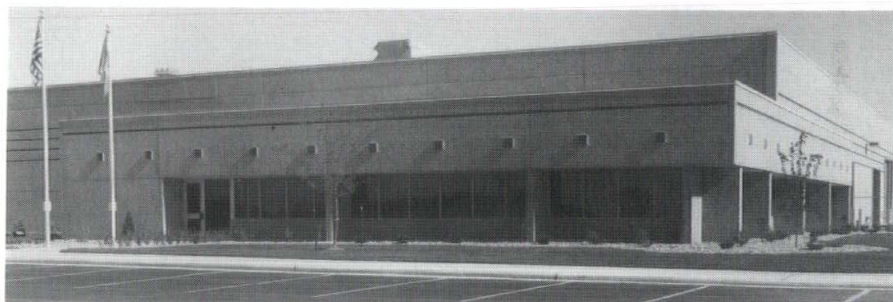
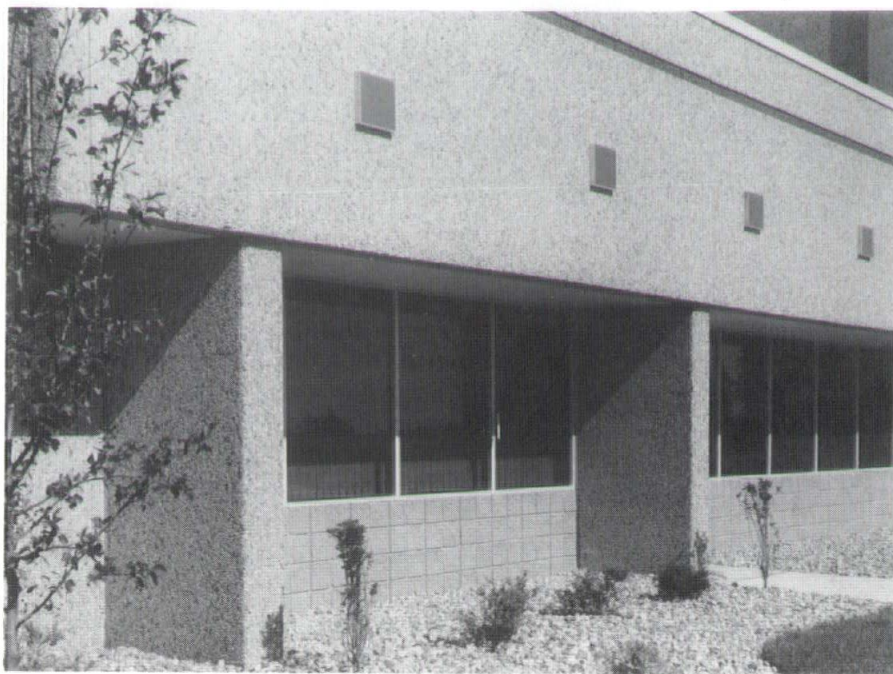
J. C. Basten Construction

The new Outagamie County Highway Garage Facility is a 94,000 square foot single-story building containing four major functional areas—administration offices, vehicle repair, vehicle storage and maintenance/support facilities.

The steel framed building features full height insulated light-colored exposed aggregate precast concrete wall panels containing dark blue recessed horizontal feature strips and decorative squares, 8" by 8" split faced concrete block and gray tinted insulating glass in a contemporary statement reflecting the heavy use functions of the structure.

In addition to the garage building, the site contains a free-standing salt storage building, bulk fuel tanks and pumphouse, and a fuel island with canopy. The site also includes parking for 60 cars and yard storage space for culverts, snow fencing, posts, guardrails, vehicles and plow wings.

Photography: Bob Shirtz



Project

Indian Mound Middle School

Location

McFarland, Wisconsin

Architect

Potter Lawson Architects

General Contractor

Joe Daniels Construction

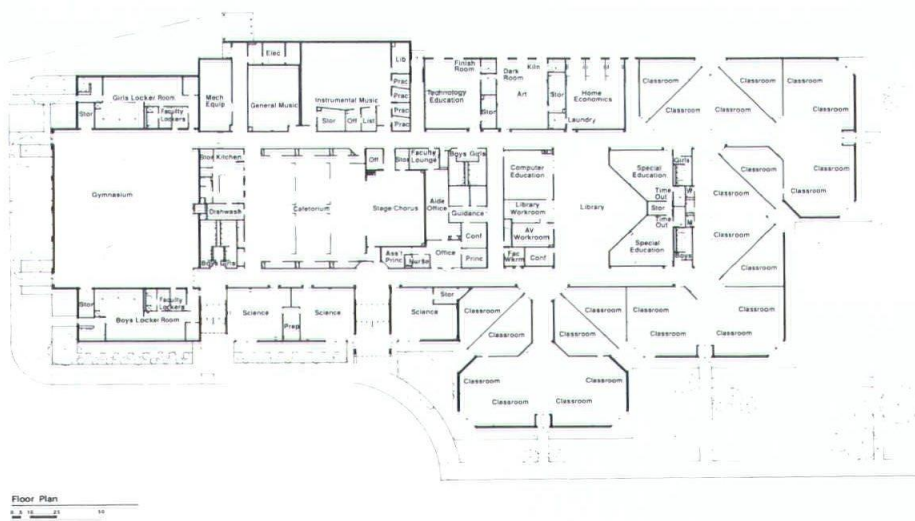
McFarland School District is successfully using open classroom teaching, and they requested a new look at the shape and function of classrooms. The Indian Mound Middle School represents the results of that investigation. The building serves 700 students and is 80,000 square feet.

The Cafetorium is large multi-leveled room which serves as both a lunch room and auditorium. A stage on one end has a moveable partition so it can be used as additional classroom space. An innova-

tive air conditioning system incorporates an ice thermal storage system to reduce energy costs.

The Middle School provides a fresh and invigorating environment for learning and teaching. The building occupies the land in a way which both blends with and presides over the large site. The design concept enhances the character of the community, the site, and the users.

Photography: Michael D. Gordon, AIA



Project

Safety Rest Areas

Location

Lomira, Wisconsin

Architect

Graef, Anhalt, Schloemer & Associates Inc.

General Contractor

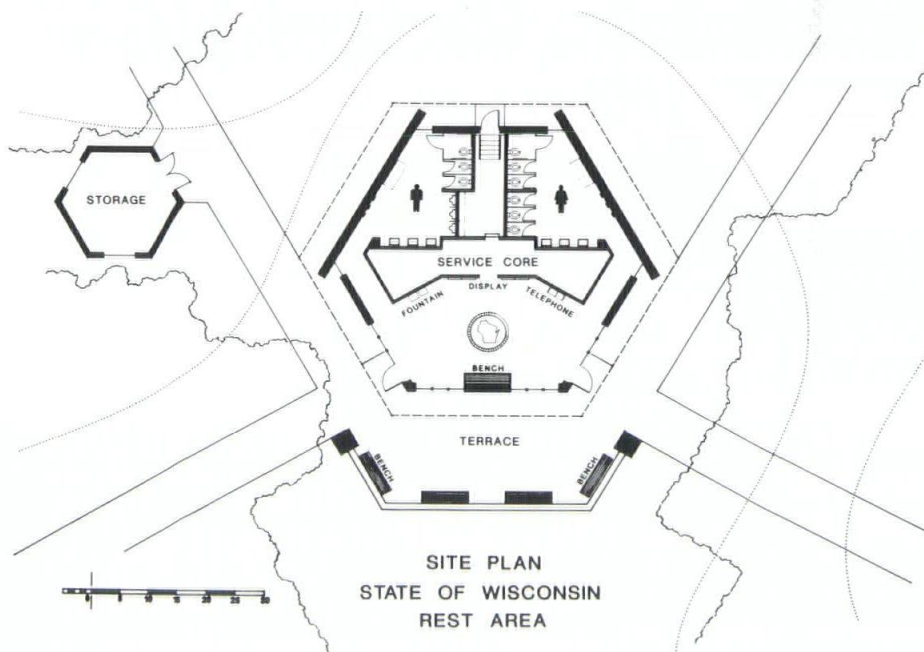
Colon Wallace Construction, Inc.

The client's goal was to replace seasonally limited rest area buildings on major state highways with full-service, year-round facilities. Two new rest areas were completed in Lomira, Wisconsin—one on either side of Highway 41. These will serve as prototype rest area buildings for use throughout the state.

In addition to year-round rest-room facilities, each building has a heated lounge/lobby with drinking fountains, public telephones, maps, and display cases. An adjacent terrace provides an outdoor seating area.

The buildings are designed for easy maintenance, resistance to vandalism, and construction economy. The energy conscious design accounts for several features. In addition to maximum thermal insulation, lighting and ventilation in the restroom areas are controlled by motion detectors and heating is controlled by a night set-back arrangement. The buildings are designed to use native stone from the surrounding region.

Photography: Robert T. McCoy



<i>Project</i>	Wisconsin State Patrol Academy
<i>Location</i>	Fort McCoy, Wisconsin
<i>Architect</i>	HSR Associates, Inc.
<i>General Contractor</i>	Fowler & Hammer, Inc.

A contemporary village-like grouping is the new headquarters for the Wisconsin State Patrol Academy. The brick buildings with angled copper roofs and solar attics, are evidence of the futuristic planning throughout the complex.

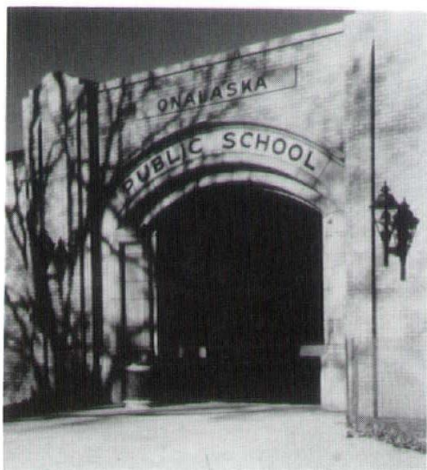
Three of the connected structures are dorms accommodating 81 beds and 4 lounge areas for the visiting state-wide law enforcement personnel. The kitchen and dining room (240) also were completed in the initial implementation phase.

The second phase provided four instructional classrooms, computer and multi-purpose rooms, plus a unique presentation and telecommunications center. A special underfloor duct raceway system connects offices and classrooms for total computer access. Additional elements are an indoor firing range, study lounges, a microwave tower plus recreational elements of the 12.5 acre site, including tennis courts, a ball diamond, and lighted basketball court.

Photography: HSR Associates, Inc.



<i>Project</i>	Onalaska High School
<i>Location</i>	Onalaska, Wisconsin
<i>Architect</i>	Bray Associates
<i>General Contractor</i>	TCI General Contractors, Inc.

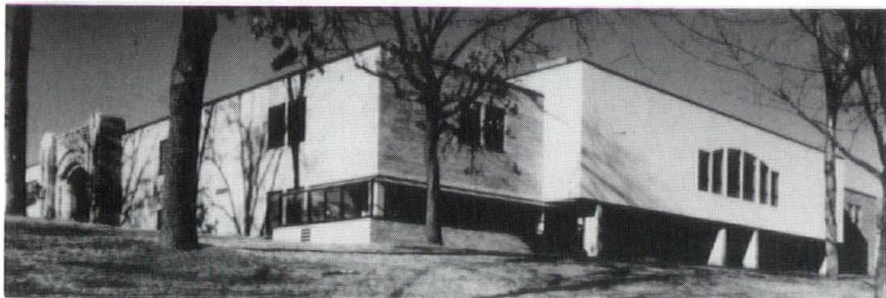


The Onalaska High School building program included additions for academic classrooms (special emphasis on expanded computer facilities and computer teaching stations), food service areas, new library, physical education, and remodeling of existing physical education area for a 592 seat auditorium. This renovation was accomplished by removing the existing gym floor, then digging down to create the sloped floor and required sloped viewing. By leaving the floor at its existing

level on one end, an orchestra pit and full stage area with associated scene shop, dressing rooms and storage were developed.

The historical significance or theme of the original building was also incorporated into the design of the new additions. The solution was to save the classic, collegiate, Gothic main entrance (arches) and rebuild it on the new addition, brick-by-brick and stone-by-stone, exactly like the original.

Photography: Brad Weisbrod



<i>Project</i>	Cedarburg Lift Station
<i>Location</i>	Cedarburg, Wisconsin
<i>Architect</i>	Kubala Washatko Architects, Inc.
<i>General Contractor</i>	W.B. Corp.

Extension of Cedarburg's municipal sewer system into the historic Hamilton area required the construction of a lift station to house pumps, emergency electrical generators, winches, electrical controls, monitoring and odor suppression systems. The residential nature of the neighborhood and tenacious local opposition to the proposed facility caused the city of Cedarburg to request a design which would be aesthetically pleasing while meeting functional requirements. Experience had demonstrated that existing lift stations elsewhere tended to be industrial/utilitarian in appearance, replete with multiple exterior vents and graffiti.

The design features a broken hip roof with flared eaves; a roof form common to many residential structures in Cedarburg. Dormers provide both necessary ventilation as well as natural light through the utility hatch to the 26-foot deep drywell below. Slate-like shingles create interesting texture while offering low maintenance. A split-face block masonry base with brick above is reminiscent of limestone foundations found throughout the area, and all exterior finishes comply with neighborhood requirements.

Photography: Allen Washatko, AIA



Project

Nicolet High School Renovation and Additions

Location

Glendale, Wisconsin

Architect

the Zimmerman Design Group

General Contractor

Marino Construction Company

As trends in education change, schools across the country are undertaking ambitious remodeling and addition projects to meet academic needs. Nicolet High School in Glendale, Wisconsin recently completed such a renovation.

While the most pressing need was to replace a substandard and leaking swimming pool, numerous other aesthetic and functional shortcomings were addressed in this project.

Since the school was first opened, the front entry was inconspicuous and hazardous. The solution called for a new traffic and walkway pattern, new signage, a more prominent canopy and a pleasant outdoor plaza with bench-height walls. Inside, the existing commons was rebuilt with new seating and display pylons creating the school's Academic Hall of Fame.

In the cafeteria, seating space was doubled by building a skylit galleria between the original

cafeteria and a series of new dining rooms/study halls. The faculty lounge, serving areas, and kitchen were also expanded and redesigned.

A new eight-lane pool with locker facilities replaced the old five-lane, shallow pool. The old natatorium was converted into a dance studio and a weight room, increasing the physical education and recreational offerings at the school.

Other items which were included in this comprehensive remodeling project were redesign and expansion of locker facilities, remodeling of the administrative offices, new faculty offices and departmental consolidations, new classrooms, remodeled study halls and learning centers, a redesign of the technical education laboratories, a new elevator and new drama support facilities.



Photography: Mark Heffron

Project

Washburn County Courthouse

Location

Shell Lake, Wisconsin

Architect

Bray Associates

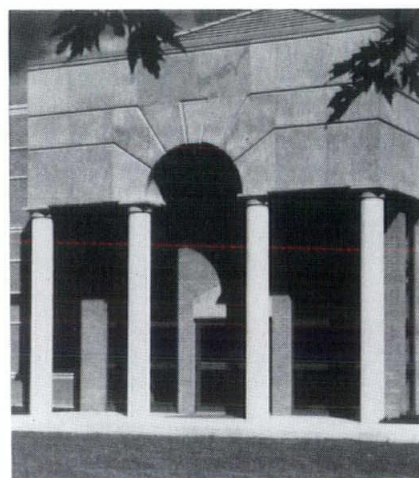
General Contractor

Town & Country, Inc.

The City of Shell Lake has been the center of Washburn county government for over 100 years. The new Washburn County Courthouse was constructed to replace their existing 1890 wood frame building and continue this heritage of social concern in a dignified atmosphere. By using traditional shapes and design elements, the facility represents the strength, tradition and stature of the judicial system.



To accommodate the heavy public use, a simplified circulation pattern revolves around a two-story lobby with walk-up service counters provided at each branch of county government.



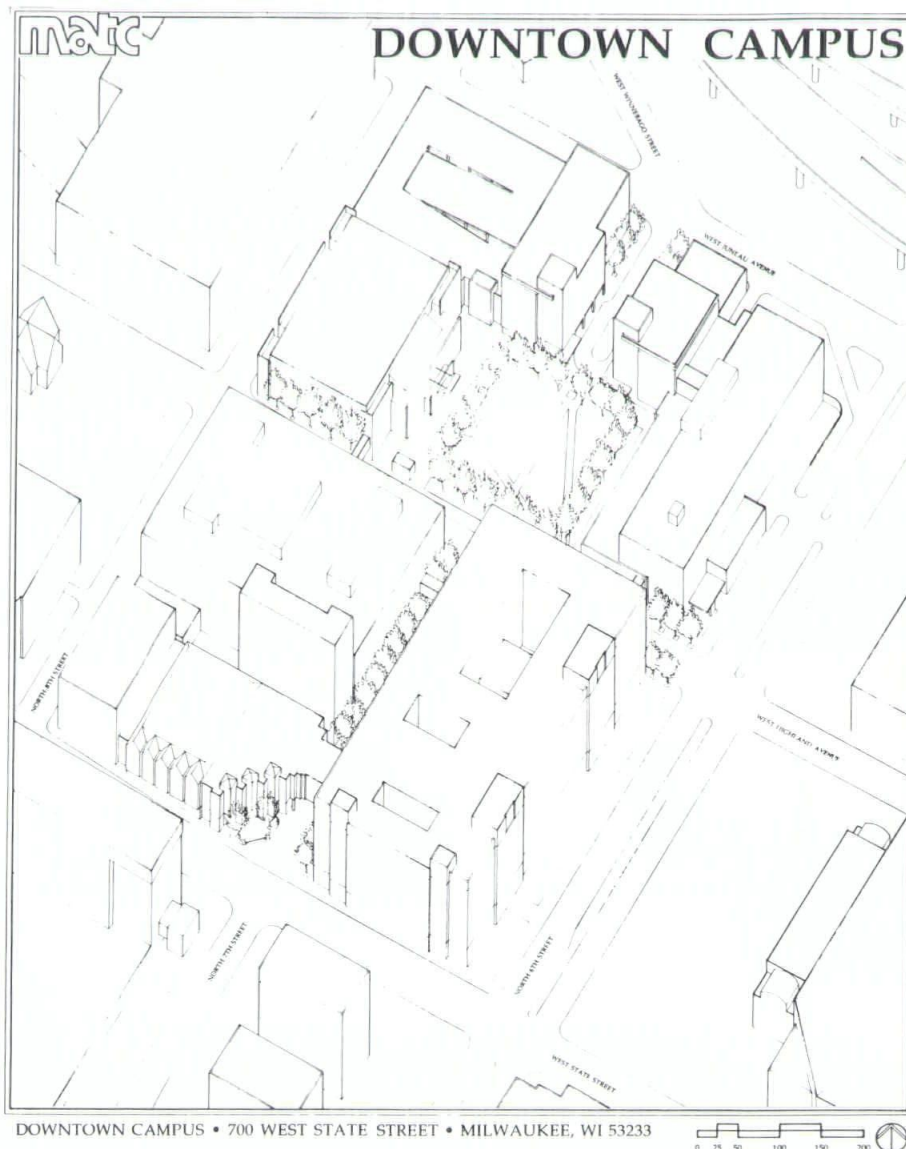
The materials on both the exterior and interior of the building were chosen for their durability and low maintenance characteristics. The exterior is primarily a high-quality brick and Mankato stone. Granite floor tile is used on the ground level where durability is essential.

Photography: Brad Weisbrod

The Milwaukee Area Technical College Master Planning Study is a two-part comprehensive examination of the institution and its future needs. Phase 1 examined the school's mission, programs, existing facilities, and enrollment trends with a process that included extensive data collection and analysis, facilities surveys, and continuous discussion with and review by MATC administration, staff and the Board of Directors.

Phase 2 recommends a series of action initiatives which will assure that appropriate facilities are in place to serve the college's short and long term needs. The initiatives respond to present and future programmatic demands. They include strategic land and/or building acquisition, existing facilities renovation, and new construction. These initiatives are intended to bring the college up to present standards, address future growth, and promote orderly development of clear "campus" identities that will enhance the user's environment and the image of the institution at each of its four locations.

Conta and Associates, Inc. and the School of Architecture and Urban Planning, University of Wisconsin-Milwaukee were co-authors on this project.



Project

Laura Ingalls Wilder Elementary School

Location

Green Bay, Wisconsin

Architect

Berners-Schober Associates Inc.

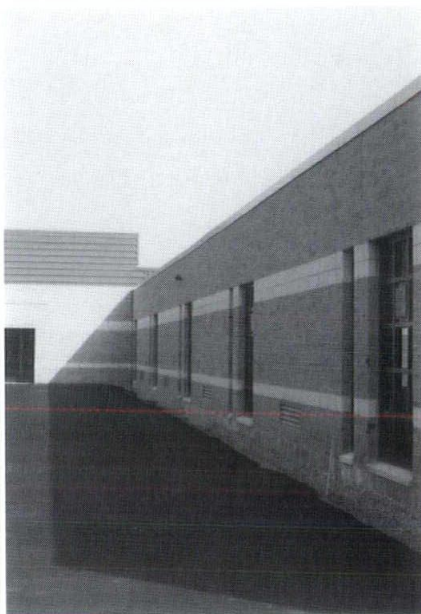
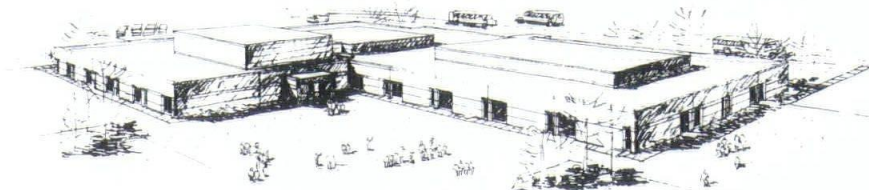
General Contractor

Geo. M. Hougard & Sons, Inc.

This new K-5, one-story, 625-student elementary school was designed to foster informal educational experiences along with providing an enclosed structured classroom arrangement. All of the common educational functions have been integrated with circulation areas in an attempt to stimulate the children's curiosity as they move about the facility.

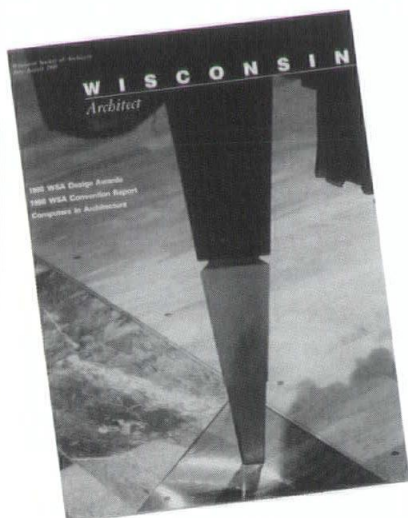
The classrooms cluster around activity zones such as library, gymnasium and commons area to form the building's perimeter. There are floor-to-ceiling openings into all educational areas, including classrooms, which offer the passing child a view of other student activities in their surroundings.

The multiple interior openings align with full-height exterior windows and permit views to the adjacent park and nature study areas from all interior activity spaces.



Photography: Rick May

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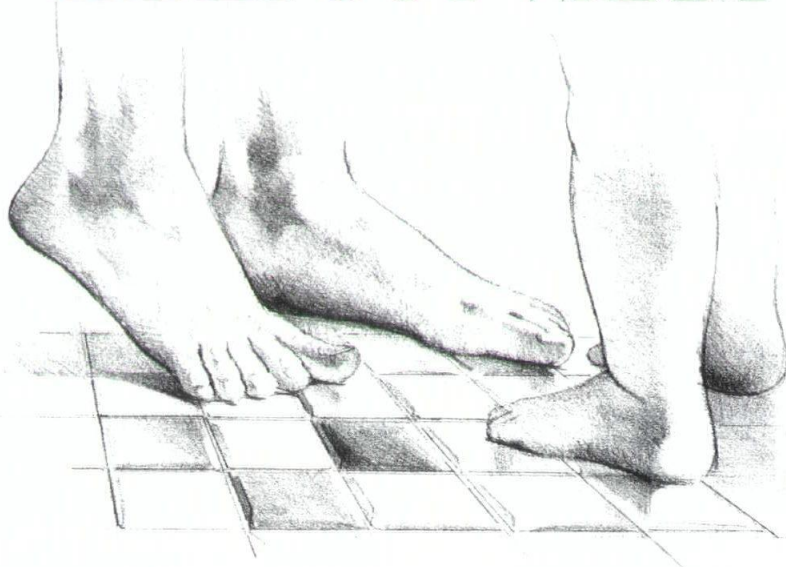
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Project

Lands' End Activity Center

Location

Dodgeville, Wisconsin

Architect

Martinson Architects, Inc.

General Contractor

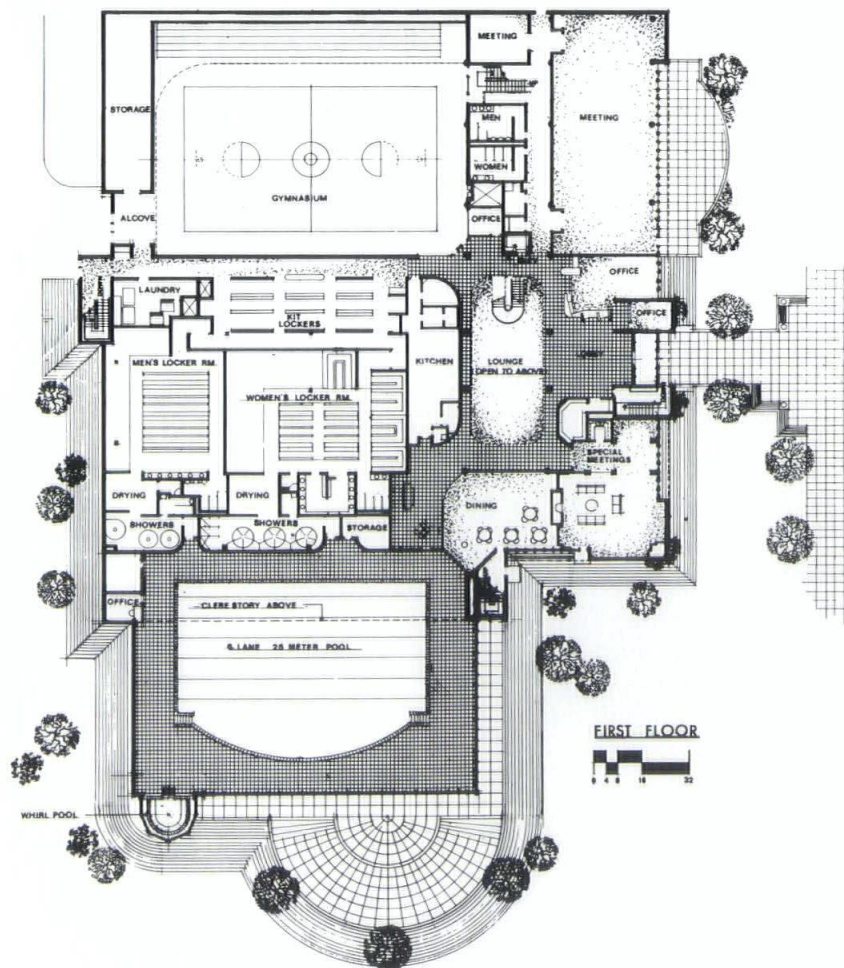
J. H. Findorff & Son

All Lands' End employees and their immediate families have access to the new Lands' End Activity Center. The center focuses on an open environment with multipurpose spaces. This is apparent from the two-story atrium that allows informal gatherings and exposes views to the gymnasium, pool, track, exercise and dining areas. A full-service kitchen is provided. Extensive use of exterior and interior glass filters natural light into the facility.

The pool contains six 25-meter lanes for lap swimming, a low diving area, and an area for water aerobics. Baffles over the pool control sound reverberation and glare. The gymnasium's full-sized recreation court can be used for basketball, volleyball or badminton. Natural light enters the gym through the one-eighth mile running track on the second level. The track encircles the gym, pool, exercise and atrium areas and provides both interior and exterior views.

Photography: Eric Oxendorf





Project

Location

Architect

General Contractor

Associated Imaging Facility

Appleton, Wisconsin

Flad & Associates

Oscar J. Boldt Construction Co.

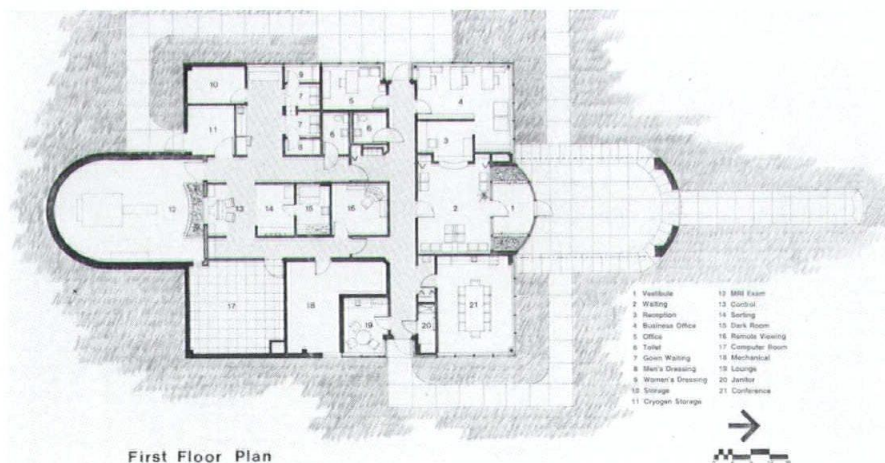
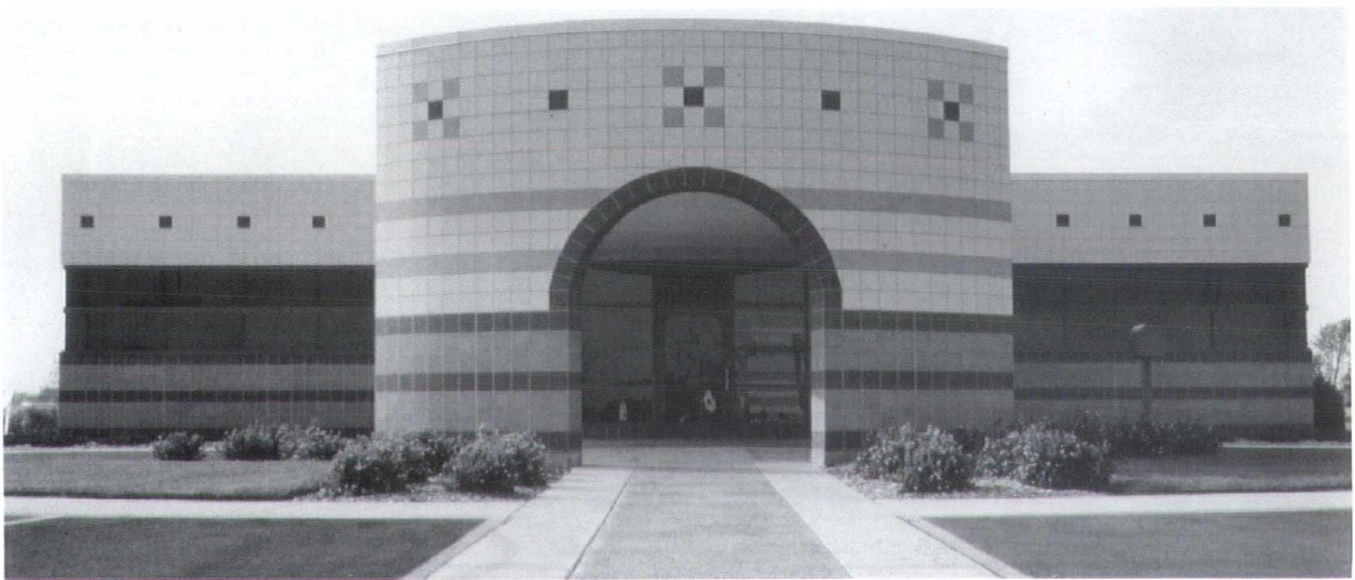
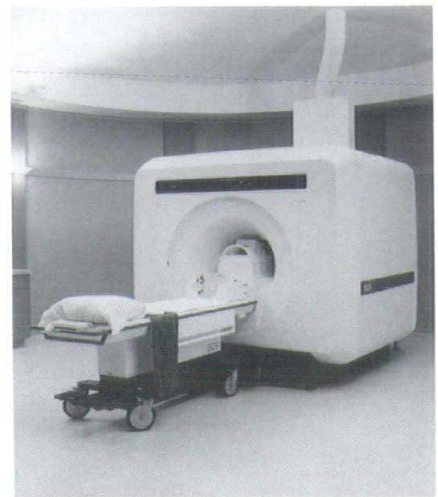
The first magnetic resonance imaging (MRI) facility in the Fox Valley area is a joint venture between Theda Clark Regional Medical Center and Appleton Medical Center. The off-campus location contributes to a noninstitutional atmosphere; the positioning of the domed exam room makes it easily recognizable from the highway.

Construction was completed eleven months after initial client-architect meeting. To accommodate the tight schedule, all material selec-

tions were based on availability and price except the custom made window system. Exterior material is scored resin-faced block using warm glossy browns and reds for contrast. The colors lighten as the building goes up, symbolizing the transition from dark brown earth to gleaming bright sky.

For the interior, a large design issue was patient comfort and creating a nonthreatening atmosphere.

Photography: Joe Paskus



<i>Project</i>	Indoor Pool Addition
<i>Location</i>	Mequon, Wisconsin
<i>Architect</i>	Uihlein Architects, Inc.
<i>General Contractor</i>	ASI General, Inc.

The owners, a middle-aged couple with grown children, purchased this house in 1985. The house is sited near a high bluff overlooking Lake Michigan. Organized on a 45 degree angle geometry, the contemporary wood frame dwelling has a strong eastern orientation to the lake. Entry approach features the garage side of house, which is west. Front door is on the north side. Fenestration on south was not well articulated in terms of mass and existing views. Malfunctions of an existing outdoor pool led to the building of this addition.

Some study was required to arrive at a concept which could be integrated into the geometry of the existing house. Skylights in the new roof allow some second floor bedroom windows to overlook the pool. An existing garage hall was remodeled into a pool entry with an air lock. A large fireplace anchors the west end of pool and creates an exterior focal point on the public side of house.

Photography: Eric Oxendorf



Project

General Clinic of West Bend

Location

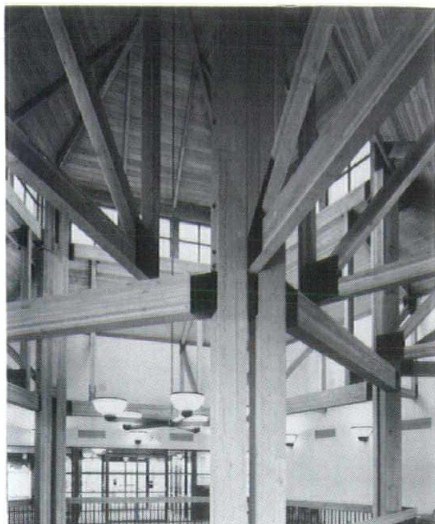
West Bend, Wisconsin

Architect

Plunkett Keymar Reginato, Architects

Construction Manager

Oscar Boldt



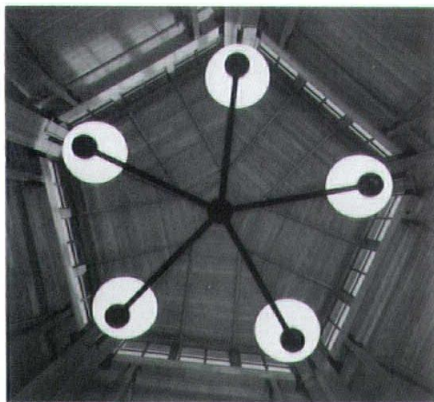
This clinic is a new facility for an established medical group. The 13 acre site, incorporating steep sloping hills characteristic of the Kettle Moraine area, was seen as an opportunity rather than a disadvantage by the architect.

The three levels of the building are actually built into the hill. Natural materials, sloping roofs, and extensive use of glass harmonize with the rural buildings and the environs. Patients enter a welcoming one-story building to find themselves in a two-story atrium of wood trusses and sloping ceilings. A simple pentagon form

directs them to family practice and internal medicine pods. A central stair or an elevator directs patients to the pediatric and specialty pods on the mid-level.

The pod concept, or clinic within a clinic, means more privacy for patients and ease for doctors in providing personal attention. Each pod has its own waiting area, appointment desk, and nursing station. The lower level is devoted to laboratory and special treatment rooms, including physical therapy.

Photography: Ed Purcell



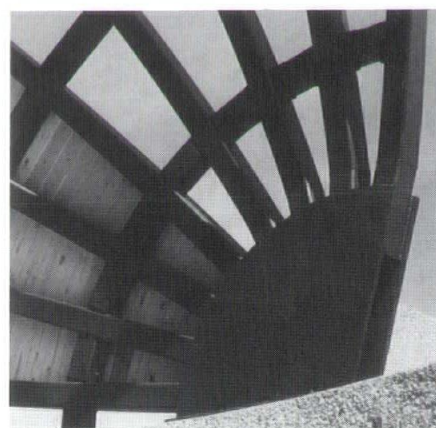
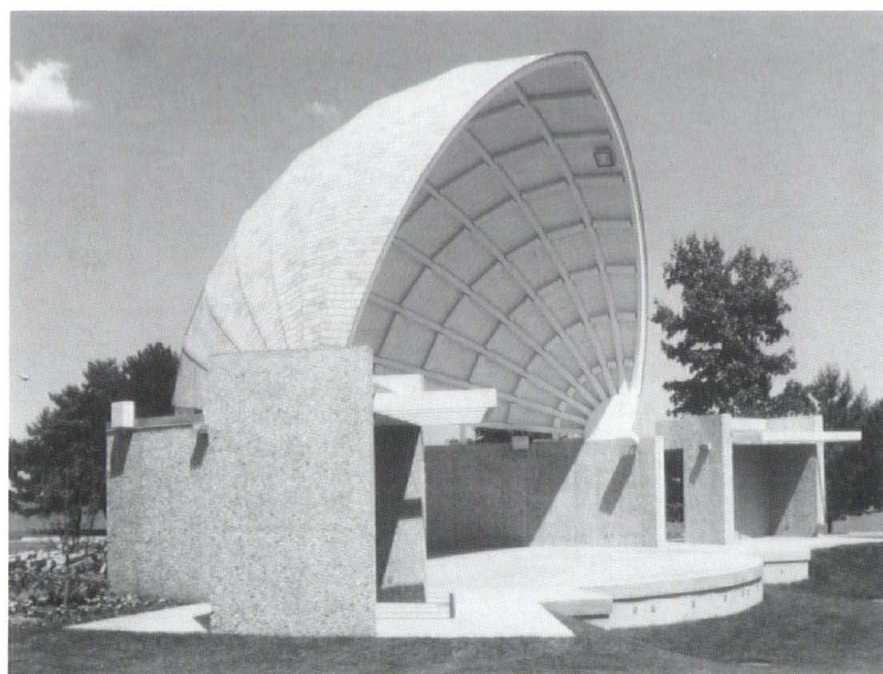
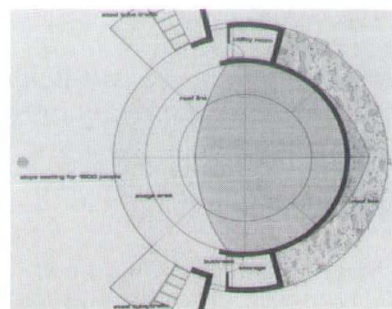
<i>Project</i>	Sesquicentennial Band Shell
<i>Location</i>	Kenosha, Wisconsin
<i>Architect</i>	Robert M. Kueny, Architect
<i>General Contractor</i>	Bindelli Construction Company, Inc.

To commemorate the 150th birthday of the city of Kenosha, a bandshell was built in a lake park overlooking the confluence of the Pike River and Lake Michigan.

The bandshell is sculpture, a community symbol, and a functioning landmark. It circumscribes this special place where nature and the

human spirit come together, enhancing the beauty of Kenosha through the generosity of its people. Its canopy is 36 feet high, covered with asphalt shingles and designed for a 120 mile per hour wind load. The seating slope can handle 1,500 people.

Photography: Robert M. Kueny



Project

McCauley Recreation Center

Location

Blowing Rock, North Carolina

Architect

Design Center Architects

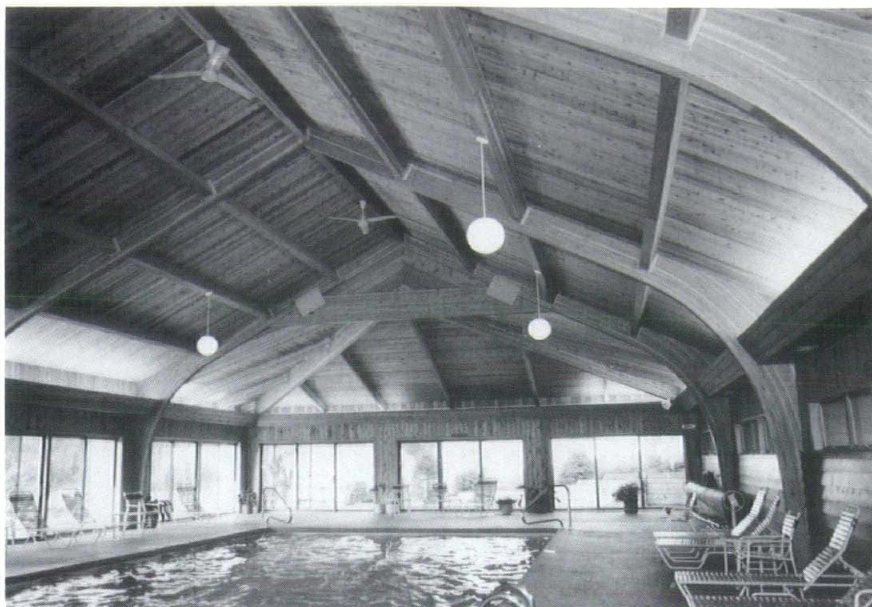
General Contractor

Chetola Properties

This sports and recreation facility serves the residents and guests of a resort complex located in the Blue Ridge Mountains. The site slopes steeply to the south, surrounded by tall pine trees. Earth moving was held to a minimum.

The building is constructed of a grey-blue native stone, traditionally used in the area, with natural cedar wood used for warmth and contrast. Dominant material for the interior is cedar siding. Diagonal placement of wood accents the 20 foot high pitched ceiling. Exterior of the building is surrounded by cedar decking, railings, and planters. Southern pine laminated arches and roof purlins are used, again accenting the aggregate used on the pool deck.

*Photography: Fred Silver and
Derald M. West, AIA*



Project

Meriter New Start Residential Facility

Location

Verona, Wisconsin

Architect

Strang, Inc., Architects/Engineers/Planners

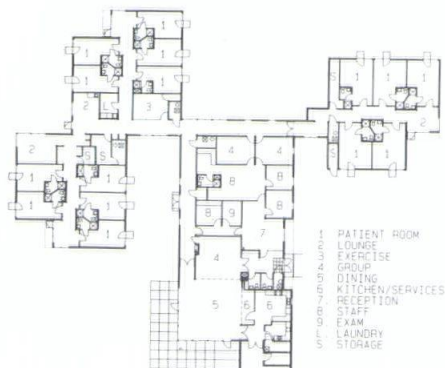
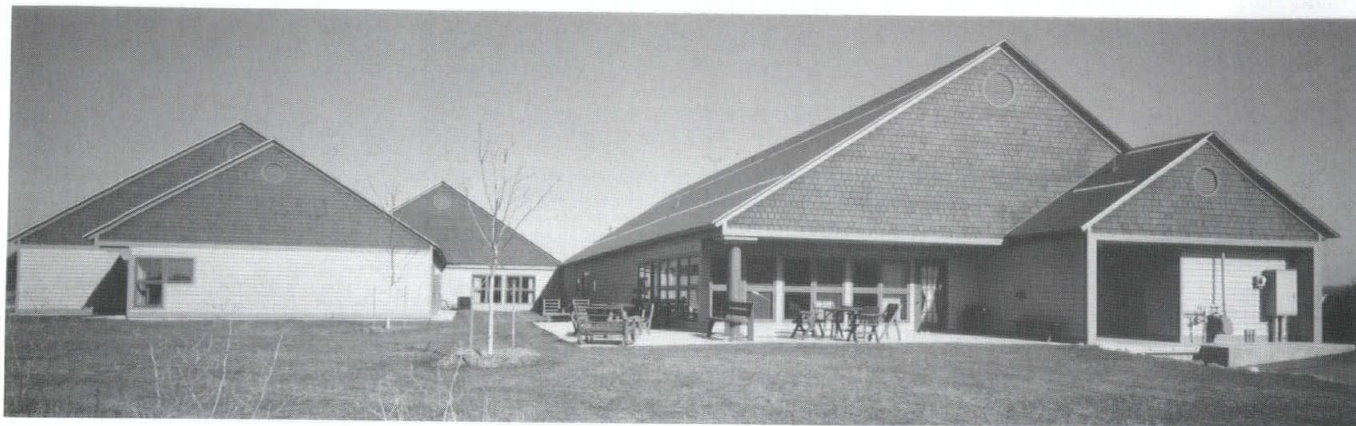
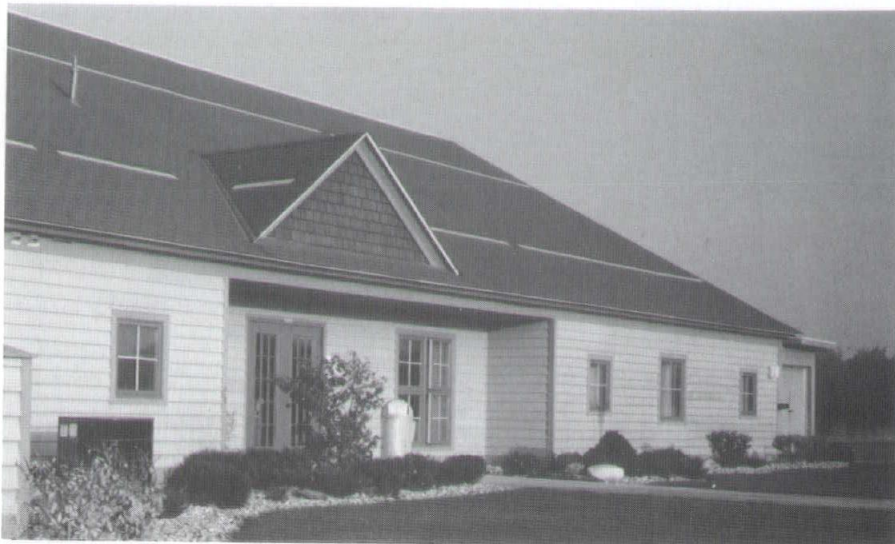
General Contractor

Construction Concepts, Inc.

On a site providing privacy, a 20 bed facility for alcohol and drug treatment was designed, with an option for an additional 10 beds to house family, friends or alumni retreats.

The long access road was afforded to set the tone for a quiet retreat. Future pods can be built on when necessary. Separation of wings comes from the desire to have "pacing" space for patients. Scale of buildings, clapboard siding and wood shingles at gables give a relaxed rural look with no hint of institutional feeling.

Photography: Dale Hall



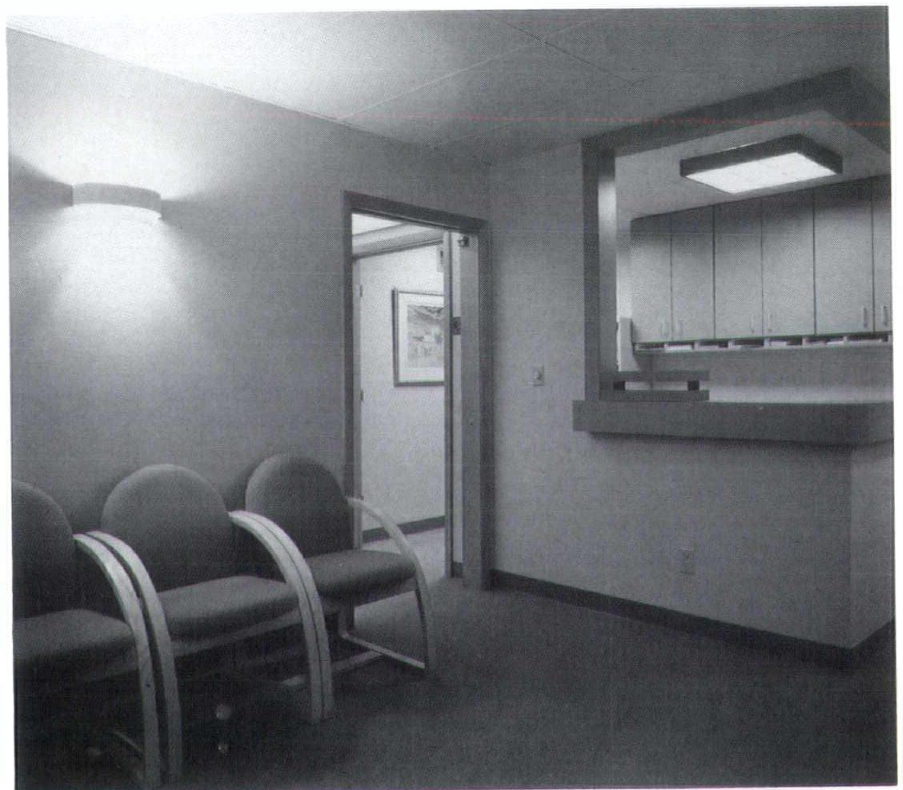
The original space was designed in the early 1950s as a physician's office. The architects not only looked at the space planning and aesthetic issues, but considered new technology and equipment needs, all under the restrictions of a limited budget.

In an effort to reconfigure the outer office to better accommodate patients and provide a reception area, the architects removed a window and half of a wall between the original reception desk and waiting area. Utilizing the existing lower half of the wall

as the reception desk saved dollars in construction and opened up the space.

A dusty blue palette was selected for its calming effects with fabrics and countertops in mauve for brightness and contrast. Vinyl floors were covered in blue carpet for sound control and visual softness. All fluorescent lighting was replaced with incandescent wall sconces for softness and a more casual feel.

Photography: Ed Purcell



Project

Bluemound Golf and Country Club Pro Shop

Location

Wauwatosa, Wisconsin

Architect

Jenk Architecture and Design

General Contractor

Roger Erdmann

The Bluemound Golf and Country Club needed more space. They had been operating out of a converted English tudor greens-keeper house and attached garage, which resembled an old estate.

In fulfilling the required program, the "estate" concept was continued in the new addition and new uses of old spaces. Inside and out, the result is that of a charming private estate. Details such as Dutch doors, window details, and

the decorative rail added to the parapet keep the harmonious thread throughout the project of old versus new buildings.

The new design includes a protected pick-up and drop-off area, storage space for 500 golf bags, retail space, offices, toilets, and changing rooms. There is also a separate room for the caddies.

Photography: Christine Jenk, AIA



Project

Podiatrist Office

Location

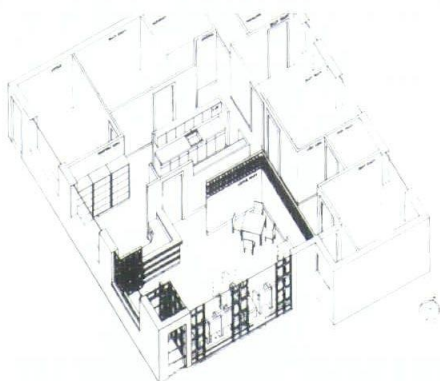
Milwaukee, Wisconsin

Architect

PACE Architects

General Contractor

Dahlman Construction



This project involved the conversion of a former insurance office to a busy podiatrist office. The architects gutted the interior of the building, insulating exterior block walls and redrywalling the interior.

Much consideration was given to the planning of the interior space. To consolidate the staff efficiently, the reception desk and lab were located adjacent to each other allowing nurses to work in and view both areas easily. Exam

rooms surround the lab providing ease of movement for doctors from one area to another.

The waiting area was located along a windowed wall and left open with a reception area to one end of the room, providing a more friendly, less formal environment. A cool blue color scheme was used with accents of burgundy for interest.

Photography: Ed Purcell



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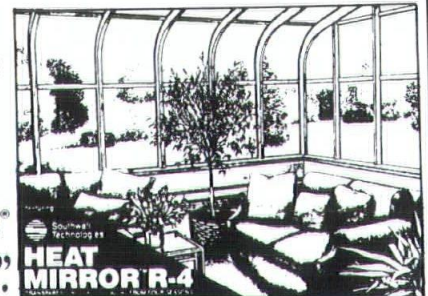
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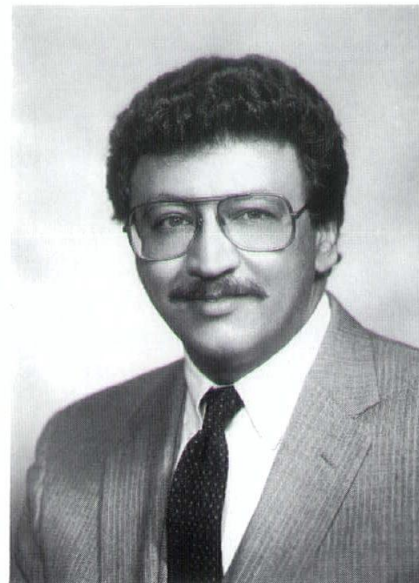
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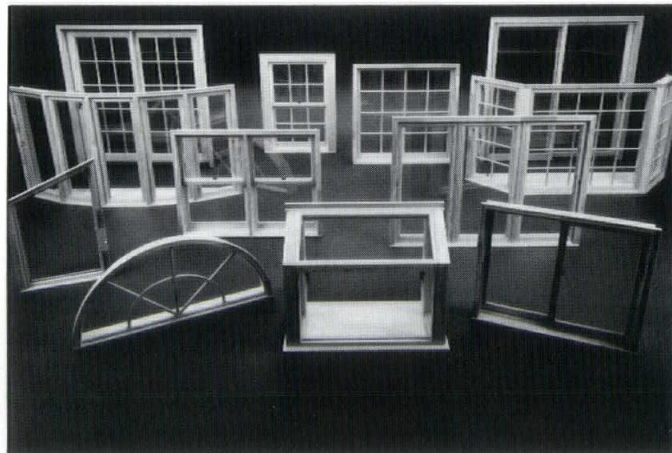


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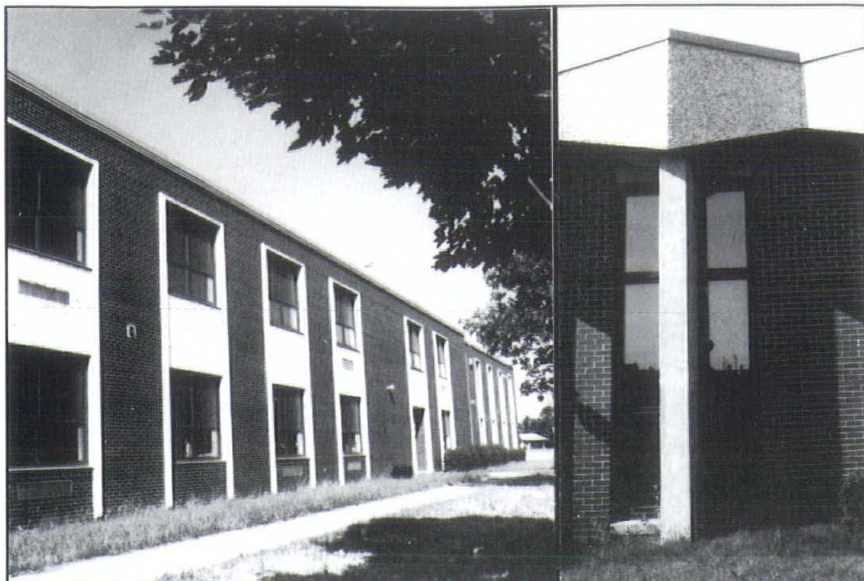
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Architect: Surplice Associates

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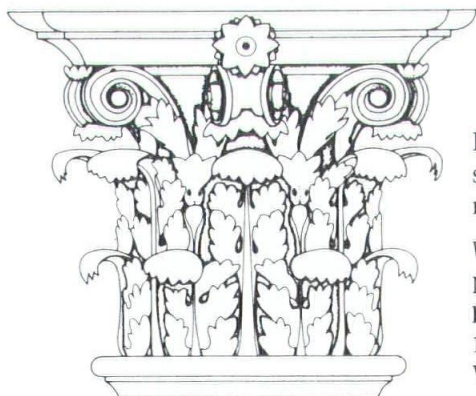
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A Memo to Public Owners

As a public official, when you undertake a building project, whether it involves erecting a new building, remodeling or expanding an existing facility, creating a city park or any number of other public improvements, the selection of an architect is one of the most important and critical events. Remember, relatively few public officials have any experience with the oftentimes very complicated design and construction process. Many public owners don't have any idea where to start and struggle with how to select an architect for their project.

An architect is the one professional who has the education, training, experience and vision to guide you through the entire design and construction process, from helping you define what you want to build to helping you get the most for your construction dollar. The architect's performance can influence the entire course of your project, including financial feasibility, appropriate public response, design, functional efficiency, construction costs and operating and maintenance costs over the life of the facility.

Finding the best architect to guide your building project from concept to completion requires some time and care. Every building project is unique, and all architects have their own styles, approaches to design and methods of work. It's important to select an architect who understands your specific needs. Of course, if you have already worked with a particular architect and have been satisfied with the performance and your relationship, then it just makes sense to contact that architect again.

To assist public owners interested in establishing a process for selecting an architect for their building projects, the Wisconsin Society of Architects initiated the Qualification Based Selection or "QBS" program in 1985. The WSA has provided assistance, advice and counsel to hundreds of public owners throughout Wisconsin who wanted help in establishing an objective and rational method for selecting an architect on the basis of qualifications, competence and compatibility.

The WSA's innovative QBS program has been endorsed by the Wisconsin Department of Public Instruction and League of Wisconsin Municipalities. In fact, the Wisconsin QBS program is being used as a model for public procurement of professional design services across the country.

Recognizing that each public building project is unique, the WSA has developed a variety of useful documents, checklists and other materials that can be tailored to the specific requirements of your project. Perhaps more important, the WSA has an experienced QBS Facilitator on staff who will work with you "one-on-one" in establishing a process for selecting the best architect for your particular project.

QBS has proved to save public owners (and architects) time and money in the selection process. In addition, it can help foster a better understanding of the scope of architectural services, improved communications between owner and architect, and a positive team approach in the design and construction of your project.

If you are a school district, municipal or county official undertaking a building project and looking for some guidance on how to get started, contact the WSA office for information on QBS. This QBS assistance is provided at no charge to the public owner.

For additional information on QBS and how the QBS Facilitator can assist you, call or write:

Wisconsin Society of Architects
321 South Hamilton Street
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EDITOR: The author is on the WSA staff and has been the QBS Facilitator since 1986.

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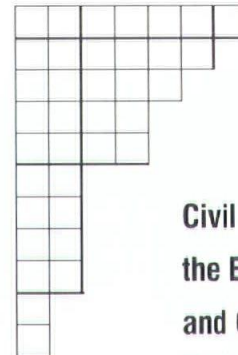
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WSA Fall Workshop

Mark your appointment calendar and reserve Friday, October 19, 1990 to participate in the WSA Fall Workshop at the Radisson Hotel La Crosse. Building upon last year's successful one-day Workshop on small firm practice and management, the 1990 Fall Workshop will focus on *Managing Change & Changing Management*.

Nothing is permanent but change. Change is occurring ever more rapidly and the pressure to stay competitive requires closer attention to future trends than ever before. The AIA's *Vision 2000* project emphasizes the fact that architects are at the crossroads of a fundamental change in the structure and nature of architectural practice. Long-term success will hinge on the flexibility of firm structure and close attention to clients' needs and wants.

How do you anticipate and plan for change? How do you go about developing a long-range strategic plan for your firm? How do you plan for ownership transition? What resources are available through the AIA and other sources to help you plan for and effectively manage change? How do you manage the stress that comes with change?

Eric Wheeler, AIA, chair of the 1990 Fall Workshop, has put together an informative and enlightening line-up of Workshop speakers. H. Kennard Bussard, FAIA, and Richard W. Hobbs, FAIA, will conduct a participatory workshop session in the morning that will help identify the key issues and trends that will be shaping your future and direct you to available resources for planning a preferred future.

Ken Bussard is president of RDG Bussard Dikis, a 40-person firm with offices in Des Moines and

Omaha. He helped initiate the AIA's Peer Review Program and has been actively involved in the AIA's *Design/Practice for the 90's* program, with a special emphasis on the practice of small firms. Ken is particularly interested in management and ownership transition. As he says, "If you don't know where you're going, any road will get you there."

Dick Hobbs was recently appointed as group vice president for Professional Excellence at the AIA. He is working to expand the Institute's professional development programs on design, practice, management, marketing and computer applications. An example is the AIA's current effort, *Managing Rapid Change*, involving small group roundtables and surveys of members to gather information to assist firms plan for change. Prior to joining the AIA staff, Dick was in private practice in Seattle for 22 years and a principal in Hobbs Architecture Group.

After learning how to better manage change in the morning, Dr. Robert J. Samp of Madison will provide insights on how to manage the stress that comes with change. His entertaining and educational presentation will be a "how to" course for a healthier, fuller and longer life. Come prepared to learn, enjoy, relax and thrive!

And that's not all. Arrangements have been made for Workshop participants to get a guided tour of The Trane Company's Technology Center. . . a facility that expresses the image of a successful pioneer in the development of heating, ventilating and air conditioning products.

For more information or to register, contact the WSA office at 1-800-ARCHITECT/(608) 257-

8477. A limited number of rooms has been reserved at the Radisson Hotel La Crosse for the Evening of October 18. For reservations, call the Radisson at (608) 784-6680. See you at the 1990 WSA Fall Workshop.

WSA Secretary/Treasurer

At its August meeting, the WSA Board of Directors unanimously approved the nomination of Emma Macari, AIA, Madison, as the 1991 Secretary/Treasurer of the Wisconsin Society of Architects. In addition to Emma, other WSA Executive Committee members for 1991 will be Richard Eschner, AIA, Shorewood, President; Roger Roslansky, AIA, La Crosse, Vice President/President-Elect; and Jay McLean, AIA, Madison, Past President.

WSA Citations

At its June and August meetings, the WSA Board of Directors unanimously approved awarding WSA Citations for Distinguished Service to the profession of architecture to the following individuals and companies: Jeri McClenaghan-Ihde, AIA; Russell LaFrombois, AIA; Shirley White; Grace Stith; Pella Window; and Wisconsin Bell.

Jeri McClenaghan-Ihde and Russ LaFrombois were recognized for their efforts in planning and coordinating the Southeast Chapter's successful NCARB-Prep Sessions. These sessions have benefitted many individuals preparing for the registration exam and have contributed significantly to the increased interest in AIA and Associate membership.

Shirley White was recognized for her service to the profession as administrative assistant at the Department of Regulation and Licensing. As staff to the Architects Section of the Examining Board, Shirley assisted many ar-

chitects in practice today, as well as many future architects, understand the licensing process and the rules and regulations governing the profession.

Grace Stith was recognized for her contributions as the "volunteer" Coordinating Editor of *Wisconsin Architect* magazine. Grace is the volunteer who gently twists architects' arms and otherwise reminds them to submit their projects and articles for publication. She also is the author of numerous feature articles that contribute greatly to the quality of the magazine. Grace says she will continue working on the magazine as long as she enjoys it. (Editor: We hope she finds it enjoyable for a long, long time to come.)

Wisconsin Bell and Pella were recognized for their recent advertising campaigns which promote the role of architects and architecture in improving the quality of life. Wisconsin Bell's television commercial features the Johnson Wax Building. Pella recently introduced the Architect Series.

On behalf of the WSA Board of Directors, congratulations to these Citation recipients for their significant contribution to the profession of architecture.

Award Winner

Wisconsin Architect magazine is pleased to report that it received a Merit Award for printing excellence from the Madison Area Club of Printing House Craftsmen for the March, 1989 issue featuring the cover photograph of the restored Wisconsin Assembly Chamber in the State Capitol. The award was presented recently to Goddard Color Separations and the Wisconsin Society of Architects. The photographer was Eric Oxendorf. Now *Wisconsin Architect* can legitimately claim to be an award-winning magazine.

Wisconsin Architect also is pleased to announce that Cheryl Seurinck has joined the staff as Advertising & Production Manager. In fact,

Cheryl is the staff for the magazine, replacing Nancy Baxter who accepted another job opportunity that was too good to pass up. Cheryl came on board in July. She is a recent graduate of the University of Michigan, having received a B.A. in Communication and German. Please welcome Cheryl to *Wisconsin Architect*.

The 1990s

Futurist David M. Zach was the moderator as well as a featured speaker at the 1990 WSA Convention, *Paradise Postponed*. He offered the following ten key trends as a guide to the future:

- *The Rise of the Informative Age*—Information is the key economic resource. The ability to understand and communicate that information will be a worker's most important skill. Specialized expert knowledge will become more available to the layperson through computers and this will break down the barriers between the professions. Clever and elegant use of computers may lead to the dawn of the *21st Century Renaissance*.
- *The Interpersonalization of Computers*—The boundary between telephones and computers is blurring. If you can take your office with you, do you need to go to an office? The preferred laptop computer will have cellular phone technology and a compact disk drive. Computers will be everyday tools of expression, creativity and communication.
- *The Rise of the Education Age*—Computers need to be brought in at every level of education. Multi-media compact disk encyclopedias will open the world to a student's curiosity. The divisions in our society will not be race or sex, but knowledge and education. Education is the number one responsibility in the 1990s.
- *The Changing Workforce*—We have a shortage of young workers and skilled workers.

Short-sighted educational curricula and funding put us at a competitive disadvantage. White collar tasks are being automated faster than blue collar jobs. Management needs more retraining than workers. Workers of the world, fan out!

- *The Aging of America*—People 65 and over outnumber and outvote teenagers. We're going from the young and the restless to the middle-aged and sedentary. Workers will be more productive, but less mobile and flexible.
- *The Blurring of the Borders*—What generals and kings could not do for centuries is slowly being done in Europe and elsewhere by attorneys, marketers and businesspeople. Fiber optics superhighways of information, are eliminating the factor of distance. Ecological degradation has no respect for national borders. The world is threatened by the arrogance and ignorance of global village idiots.
- *The Shortage of Time*—Spare time is the new oxymoron. We're hyperliving—skimming along the surface of life. The loss of unstructured time is disabling our relationship and limiting the development of our children.
- *Koyaanisqatsi*—This Hopi Indian word means life out of balance or a way of life that is so crazy that it calls for a new way of living. In our fast lane lifestyles, more and more of us are looking for the off-ramps. There is a powerful undercurrent of nostalgia for simple relationships.
- *The Personalization of Democracy*—From the streets of Beijing to the halls of IBM, democracy is changing the way we live and work. The walls are coming down. Local politics and global politics are becoming more important than national politics. Economics is more important than politics. People now vote with their pocketbooks.

- *The "Small" Picture*—President John F. Kennedy said that one of our most common links is that "we all cherish our children's future." Evidence suggests that we do not. Children are the message we send to the future.

Public Radio

In 1984, the Wisconsin Society of Architects became an underwriter of Wisconsin Public Radio. For the past several years, the WSA has joined forces with the Wisconsin Architects Foundation to co-sponsor this statewide public awareness/education program.

For 1990, WSA and WAF underwriting provides for 21 announcements per week statewide, including spots during Wisconsin Public Radio's classical music shows and a 5:00 p.m. announcement on Saturdays at the beginning of Garrison Keillor's new "Radio Company of the Air."

Feedback from members regarding the WSA and WAF announcements, heard on public radio stations throughout the state, has been very positive. The spots also have generated a significant number of calls from the general public interested in learning more about architecture and, oftentimes, in finding out how they can go about identifying architects for their building project.

While at home or on the road, why not tune in to one of the following Wisconsin Public Radio stations and listen for the WSA and WAF announcements?

Appleton, WLFM, 91.1FM
Auburndale/Stevens Point, WLBL, 93AM
Brule/Superior, WWSA, 89.9FM
Delafield/Milwaukee, WHAD, 90.7FM
Eau Claire, WVEC, 89.7FM
Green Bay, WGBW, 91.5FM
Green Bay, WPNE, 89.3FM
Highland, WHHI, 91.3FM
La Crosse, WHLA, 90.3FM
Madison, WHA, 97AM

Madison, WERN, 88.7FM
Menomonie, WHWC, 88.3FM
Park Falls, WHBM, 90.3FM
Wausau, WHRM, 90.9FM

Then, please call or write the WSA office with your comments (positive or negative) and suggestions (good or bad) on this campaign to increase public awareness of architecture and architects.

People & Places

Reimar F. Frank, AIA, Oconomowoc, has been reappointed by Governor Tommy G. Thompson to serve on Wisconsin's Dwelling Code Council. Reimar's new three-year term runs through July 1, 1993.

Donald J. Phillips, AIA, reports that his firm now has a new name, Phillips & Associates, Inc. The Milwaukee firm, formerly called Birch-Grisa-Phillips, Inc., remains at 10859 W. Bluemound Road, Suite 200, Phone: (414) 476-1212.

Kubala Washatko Architects, Inc., Cedarburg, has received a Merit Award from The Interfaith Forum on Religion, Art and Architecture for its design of the Unitarian Church North in Mequon. The Interfaith Forum is affiliated with The American Institute of Architects.

Potter Lawson Architects, Madison, is pleased to announce the acquisition of Architects & Associates, Appleton. Architects & Associates was formed in 1967 by R.E. "Mike" Vander Werff, AIA. Mike will continue to manage Potter Lawson's new office at 129 E. College Avenue, Suite 200, Appleton, WI 54913.

Jack L. Fischer, AIA, is pleased to announce the merger of Marathon Engineers/Architects/Planners, Inc., Menasha, with Jaakko Poyry Oy, Helsinki, Finland. Jaakko Poyry is an international consulting and engineering company for the pulp and paper, forest products and other process industries. Marathon will continue to function under its

present identity as it provides support service to Jaakko Poyry's present consulting and technology offices in the United States.

Heinz Berner, AIA, has established his own architectural firm, Berner Design, North Brook Executive Center, 10701 W. North Ave., Suite 206, Milwaukee, WI 53226, phone: (414) 475-6844.

Membership Action

Please welcome the following new WSA members:

AIA

Thomas Williams, Southwest Chapter
John R. Bruce, Southwest Chapter
Mark B. Helminiak, Southeast Chapter
Gary Gust, Northwest Chapter
Herman Schmidt, Southeast Chapter
Stephen A. Kroon, Southwest Chapter
Randel Steele, Southeast Chapter
Randy Morrison, Southeast Chapter
Katherine Schnuck, Southeast Chapter
Gregg Steevens, Southeast Chapter
Stephan Siegfried, Southeast Chapter

Associate

Richard Herndon, Southwest Chapter
Eldon Shorey, Southeast Chapter
Terry Wendt, Southwest Chapter
Howard Hinterthuer, Southeast Chapter
Danny Silverthorne, Southwest Chapter
Eric J. Ponto, Northwest Chapter

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John Freiburger, Southwest Chapter
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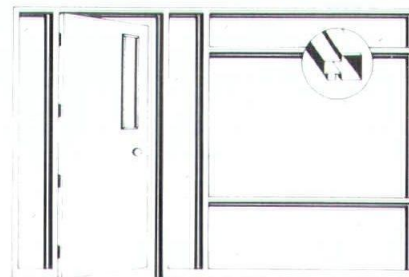
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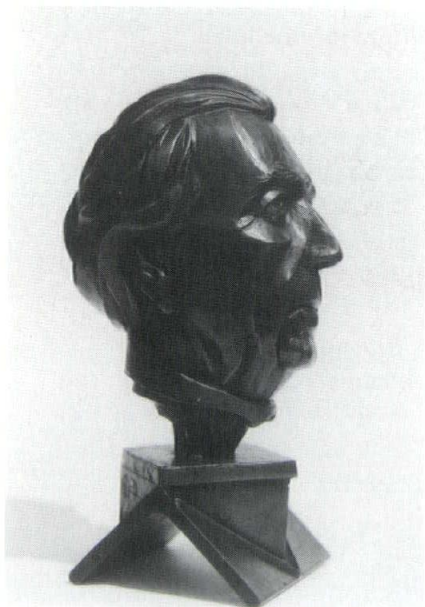


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For more information, write to Elmer Petersen, 112 4th Avenue North, Onalaska, Wisconsin 54650.

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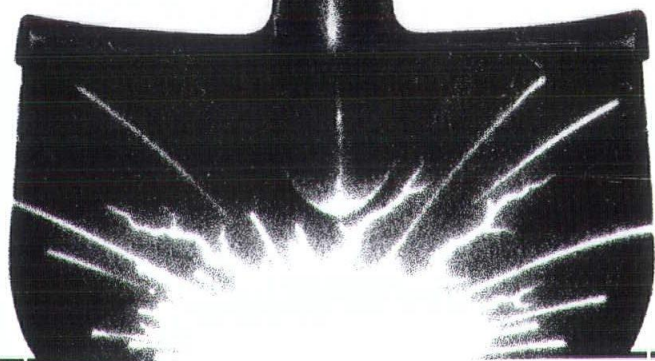
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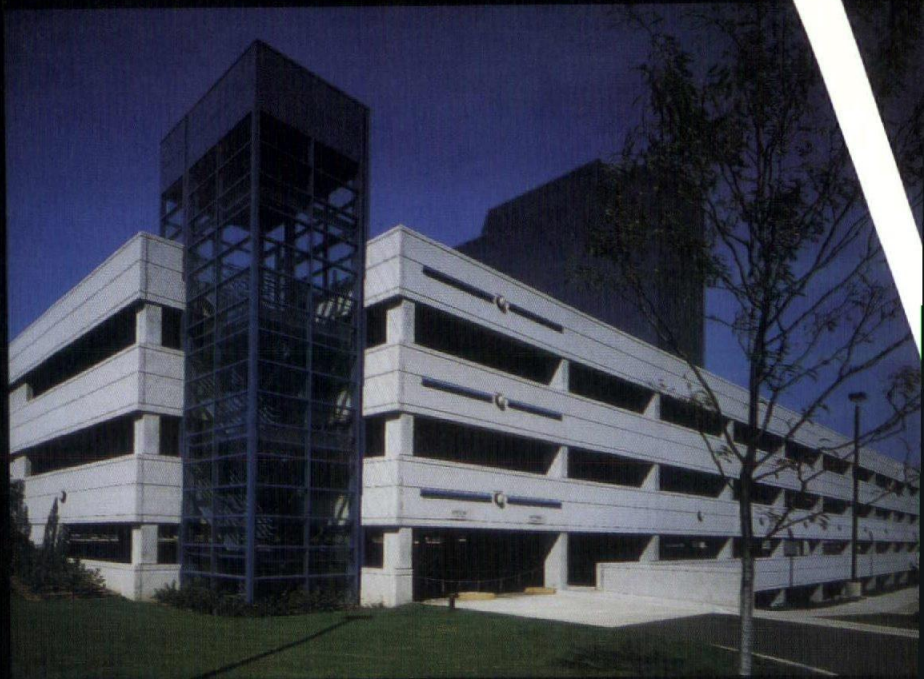
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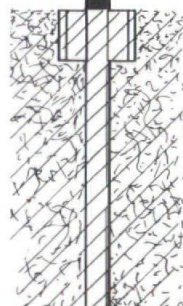
and reduce property owner's liability for ditches, culverts, large stones, etc., hidden by vegetation, darkness, or snow. Install a pair of PARKLANE reflective markers to greatly increase the visibility of these hazards and make it easier for driveway owners (and guests) to find their driveways.

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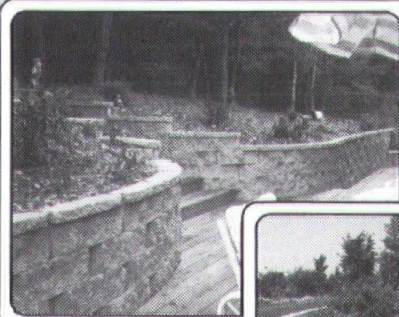
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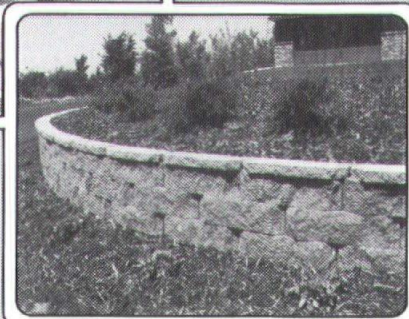
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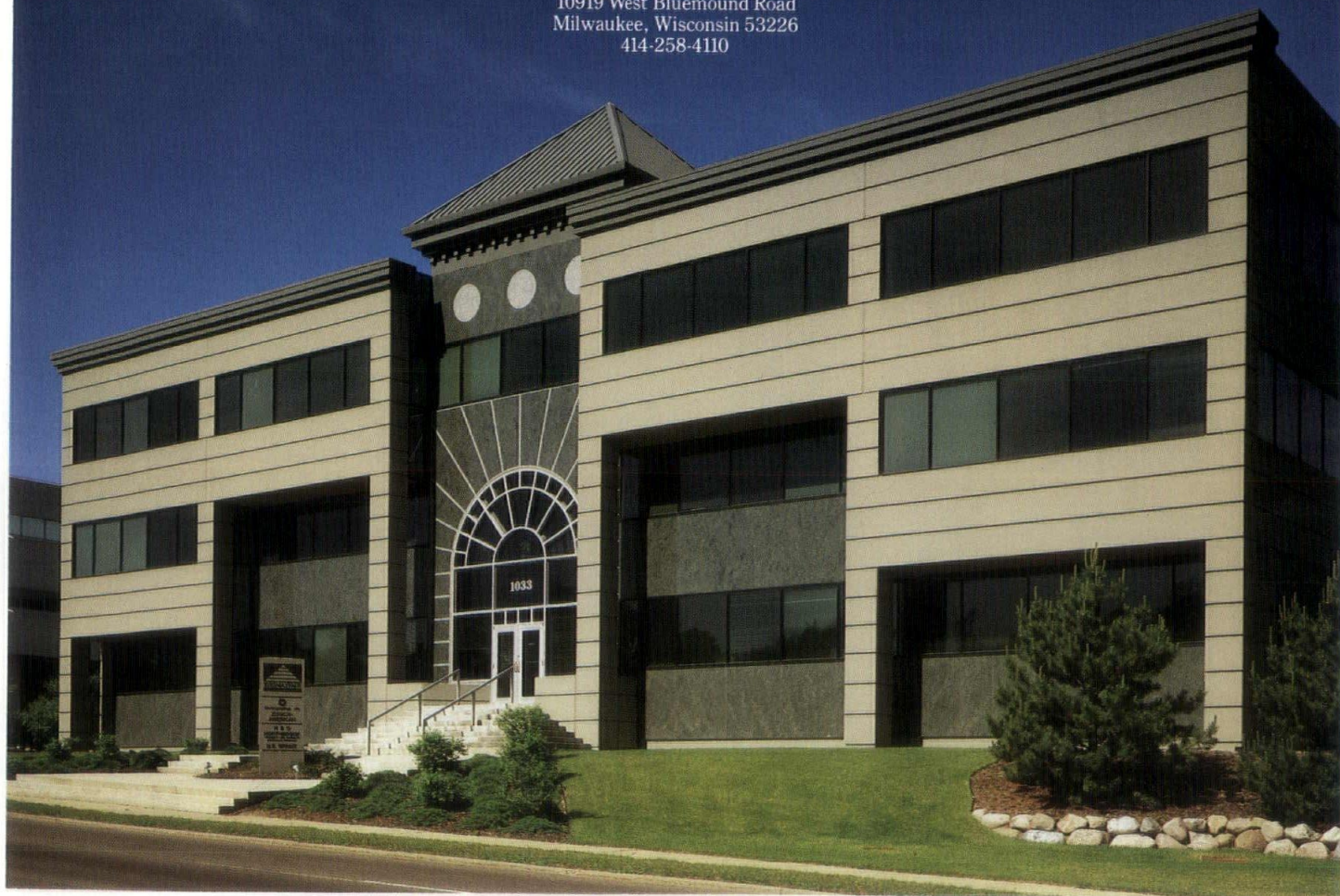
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